

UTENSILI PER LA LAVORAZIONE DEL LEGNO
in conformità con la legge europea

EN 847-1

WOODWORKING TOOLS
in conformity with the european rule

EN 847-1

HERRAMIENTAS PARA TRABAJAR LA MADERA
en conformidad a la norma europea

EN 847-1

OUTILS POUR LE TRAVAIL DU BOIS
en conformidad a la norma europea

EN 847-1

ИНСТРУМЕНТЫ ДЛЯ ДЕЯТЕЛЬНОСТИ ДРЕВЕСИНЫ
согласно европейскому закону

EN 847-1



woodworking tools

Sede e Produzione

Asparetto di Cerea - Verona - Italy.
LEUT - Nata nel 1976 in provincia di Verona
in una zona tipica della produzione del Mobile d'Arte

Seat and Production

Asparetto in Cerea - Verona - Italy.
LEUT Born in 1976 in a town near Verona in a
typical area of classical furniture production.

Sede y producción

Asparetto di Cerea Verona - Italia
LEUT Nacida en 1976, en Verona, en una zona típica
de producción de muebles de arte

SIEGE ET PRODUCTION

La société LEUT est née en 1976 dans la province de
Vérone, dans une zone typique de la production des
meubles d'art.

Офис и Производство

Аспаретто ди Черее Верона Италия
LEUT была основана в 1976 году в
области Вероны, в типичной зоне
производства мебели, «Мебельное
Искусство».



Esportazione

Oltre trent'anni, continua ricerca tecnologica
e attenzione per il cliente hanno portato quest'azienda
a imporsi nel mercato della lavorazione del legno.

Exportation

Over thirty years, continuous technological researches and attention for the
customer have brought this company to be popular in the woodworking
market.

Exportation

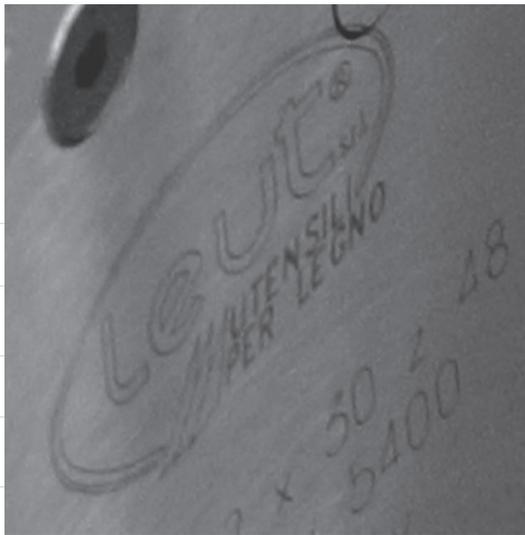
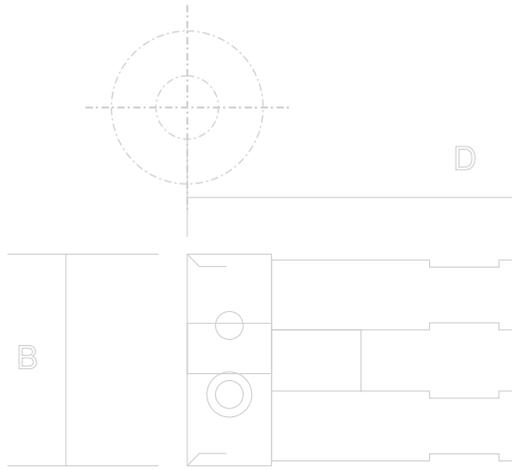
Depuis plus de trente ans, la recherche technologique et l'attention vers le
client ont porté cette entreprise à s'imposer sur le marché du travail du bois.

Exportación

Durante más de treinta años el constante estudio tecnológico y la atención al
cliente han llevado a esta empresa a ocupar un lugar importante en el
mercado de la elaboración de la madera

Экспорт

Более 30 лет продолжительности работы по
технологическому изобретению и уделению
внимания клиенту, призвело и выдвинуло наше
предприятие на рынок в направлении
деревообработки.



LEUT - MADE IN ITALY

Marchio inciso
per qualità e garanzia
a tutela del cliente

*Mark engraved for quality and
guarantee to protect the customer.*

*Marque gravée pour garantir la
qualité en protégeant le client.*

*Marca de calidad y garantía en
defensa del cliente.*

*Гравированная
заводская марка
качества и гарантии
для защиты клиента.*

Automazione

per poter realizzare in sicurezza,
nel migliore sistema e minore tempo possibile.

Automation

*To can realize in safety, in the best system and in the
quickest way.*

Automation

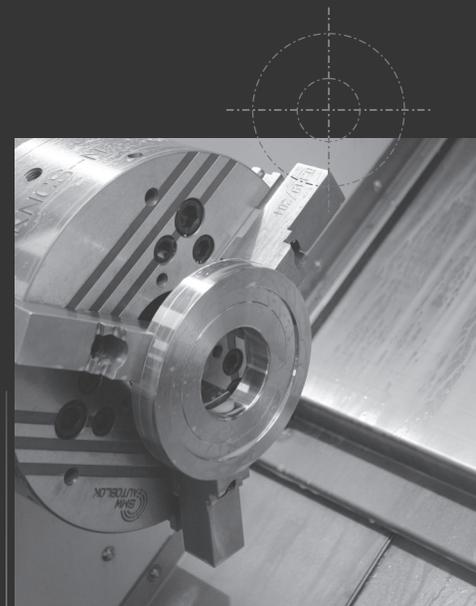
*Pour pouvoir réaliser en toute sécurité dans le
meilleur des systèmes et le moindre temps possible.*

Automatización

*Para poder realizar con total seguridad, con el mejor
sistema y en el menor tiempo posible.*

Автоматизация

*Для безопасного производства в
кратчайшие сроки с применением
наилучшей системы.*



Controllo

LEUT controlla ogni utensile
per garantire la massima affidabilità.

Control

*LEUT checks every tool to guarantee
the maximum reliability.*

Contrôle

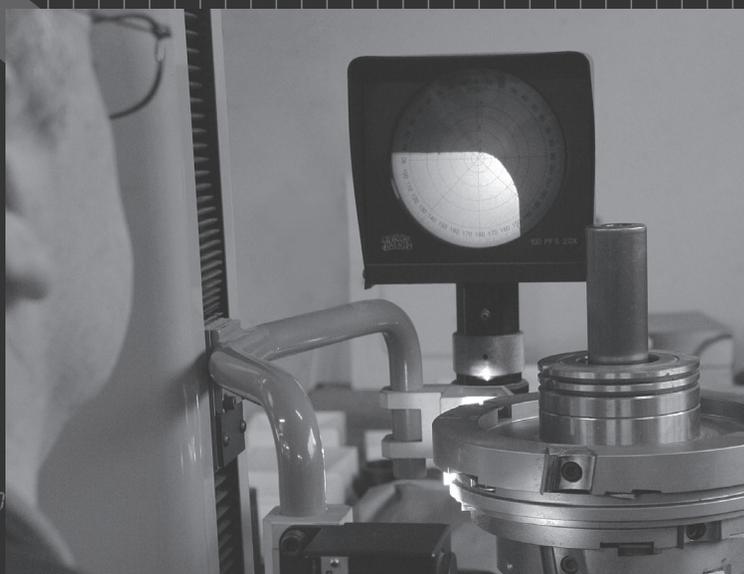
*La société LEUT contrôle chaque
outil pour garantir le maximum de
fiabilité.*

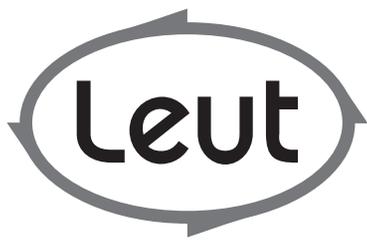
Control

*LEUT controla todas las herramientas
para garantizar la máxima fiabilidad*

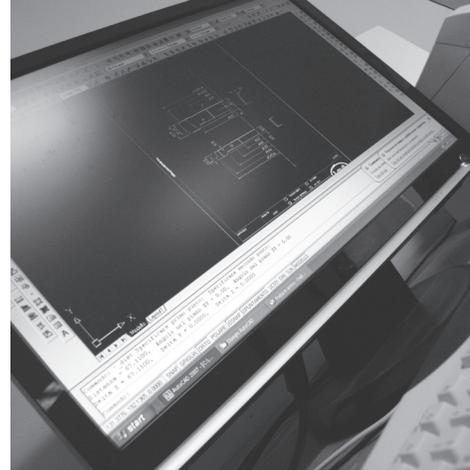
Контроль

*Чтобы гарантировать
максимальную
надёжность, LEUT
контролирует каждый
инструмент.*





woodworking tools



Progettazione

un moderno ufficio tecnico in continuo aggiornamento, studia e sviluppa i prodotti.

Design

A modern technical office, in continuous updating, studies and develops all products

Conception

Un bureau technique moderne, en continue ajournement, étudie et développe les produits.

Proyecto

Una moderna oficina técnica en constante perfeccionamiento estudia y desarrolla los productos

Проектирование

Современный технический офис с постоянным инновационным обновлением изучает и реализует инструмент.



Perfezione

Le teste leut sono perfettamente equilibrate e non danno alcuna vibrazione, consentendo le lavorazioni più sofisticate.

Perfection

LEUT cutter heads are perfectly balanced and do not give any vibration, allowing the most sophisticated working.

Perfection

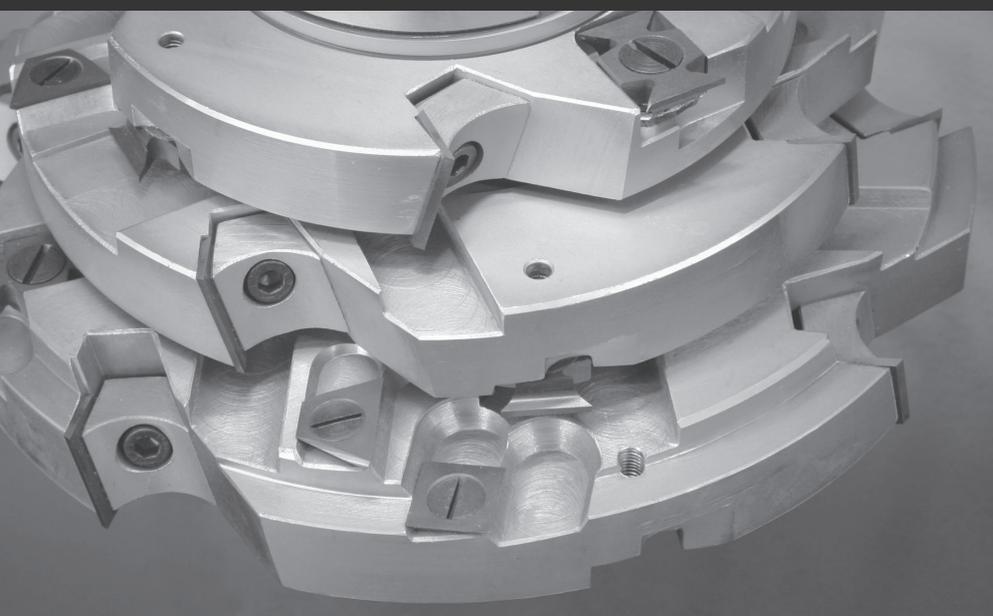
Les portes-outils sont parfaitement équilibrés et ne produisent aucune vibration, permettant les travaux les plus sophistiqués.

Perfección

Los cabezales LEUT están perfectamente equilibrados y no presentan ningún tipo de vibración, permitiendo las elaboraciones más sofisticadas

Усовершенствование

Головки LEUT с точностью сбалансированы и во время работы не вибрируют, это позволяет осуществлять сложные операции обработки.



Soddisfazione

Un ufficio commerciale dinamico a disposizione per rispondere a quesiti che si presentano ai clienti di qualsiasi nazionalità .

Satisfaction

A dynamic commercial office at disposal to answer to all customers' questions of any nationality

Satisfaction

Un bureau commercial dynamique est à disposition pour répondre à des demandes qui se présentent aux clients de n'importe quelle nationalité.

Satisfacción

Una oficina comercial dinámica siempre a disposición para responder a cualquier duda que se presente, de cualquier procedencia

Удовольствие

Динамичный, коммерческий отдел всегда в распоряжении клиента и готов ответить на вопросы на любом языке.



Ph
+39 0442 83244



Puntualità

L'efficienza della LEUT, meccanismo perfetto, permette di consegnare ai clienti i prodotti nei tempi prefissati.

Punctuality

LEUT efficiency, perfect mechanism, allows to deliver to the customer all products within established times.

Ponctualite

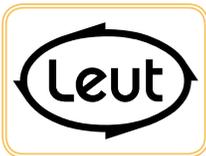
L'efficacité de la société LEUT, mécanisme parfait, permet de livrer aux clients les produits dans les temps fixés.

Puntualidad

La eficiencia de LEUT, mecanismo perfecto, permite enviar los productos a los clientes en el tiempo establecido

Пунктуальность

Эффективность компании LEUT отличный механизм, который позволяет доставлять клиентам товар в предусмотренные сроки.



NOTIZIE TECNICHE TECHNICAL INFORMATION

VELOCITA' DI TAGLIO DEGLI UTENSILI - (CUTTING SPEED OF TOOLS)

La velocità di taglio degli utensili dipende dal materiale da tagliare ed è data dal numero dei giri/min. e dal diametro dell'utensile
La velocità di taglio viene espressa in m/sec e calcolata in base alla seguente formula:

The cutting speed of tools depends on the material to be cut and it is obtained from the number of RPM and the tool diameter.
Cutting speed is expressed in m/sec and it is calculated with the following formula:

$$V = \frac{d \cdot \pi \cdot n}{1000 \cdot 60} = \begin{matrix} \text{in cui (d) viene espresso in mm} \\ \text{where (d) stands for mm} \end{matrix}$$

*Il diagramma che segue dà a chiunque la possibilità senza fare calcoli, di rilevare immediatamente la velocità di taglio.
Questo per fare sì che l'utensile venga impiegato nel modo più appropriato, ma anche per evitare di impiegare certi utensili a velocità di taglio superiore di quelle massime stabilite dalle norme di protezione sul lavoro e da quelle sulla prevenzione contro gli infortuni.
Per ottenere un buon risultato di lavoro è di importanza fondamentale la scelta di una velocità di taglio ottimale.*

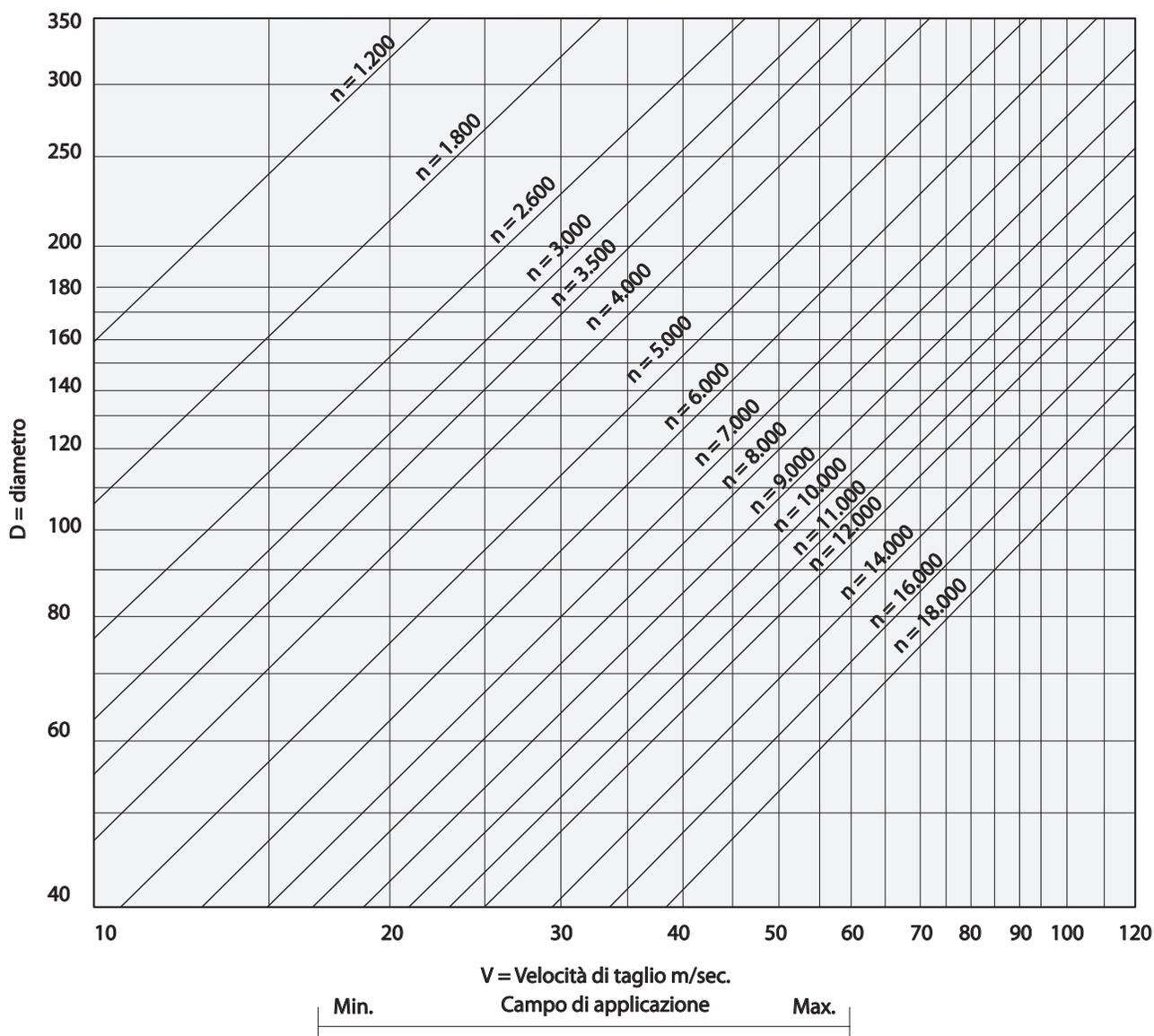
The following diagram gives anyone the possibility to quickly determine the cutting speed without having to make any calculations. First of all this ensures that the tool is employed properly but it also prevents certain tools from being used at a cutting speed which exceeds the maximum limit specified by on-the-job injury prevention regulations. To achieve good results it is of paramount importance to choose the best cutting speed.

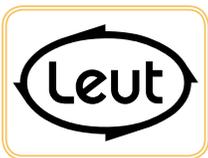
Alcuni esempi (A few examples):

*Testa porta-coltelli (Cutterhead) = Ø125
n. = 6000 g/min. (RPM) - V = 39 m/sec.
Disco per troncare (Cropping disk) = Ø250
n. = 4000 g/min. (RPM) V = 52 m/sec.
Fresa per battute con codolo
(Milling cutter with shank for rabbets) = Ø60
n. = 18000 g/min. (RPM) - V = 56 m/sec.*

Valori indicativi per velocità di taglio (Approximate values for cutting speed)

<i>Materiale da lavorare (Material values for cutting speed)</i>	HSS (m/s)	HM(m/s)
<i>Legno tenero (Soft wood)</i>	50 - 60	60 - 90
<i>Legno duro (Hard wood)</i>	40 - 60	50 - 80
<i>Pannelli truciolari (Chipboard panels)</i>		60 - 80
<i>Pannelli listellati e millistrati (Multilayer and lathed panels)</i>		60 - 80
<i>Pannelli fibrosi (Fiber panels)</i>		40 - 60
<i>Pannelli ricoperti da laminati plastici (Panels covered with a plastic sheet)</i>		40 - 60





VELOCITA' DI AVANZAMENTO IN DIPENDENZA DELLA FINITURA DELLA SUPERFICIE
FEED SPEED DEPENDENT UPON SURFACE FINISH

La finitura della superficie dipende da alcuni fattori importanti, che sono l'avanzamento per giro oppure l'avanzamento per tagliente, il diametro dell'utensile, nonchè il numero di giri/min ed il numero dei taglienti. Lo spessore medio del truciolo non è in assoluto, determinante per il grado di finitura

della superficie. Un fattore negativo per il grado di finitura della superficie è costituito dalle tolleranze sia della macchina che dell'utensile. Noi ci impegnamo a tenere questa ultime nei limiti del possibile.

Surface finish depends on some important factors, i.e. feed/revolution or feed/cutting edge, tool diameter, number of RPM and number of cutting edges.

$$s = \frac{S_z - Z - n}{1000} = \text{m/min}$$

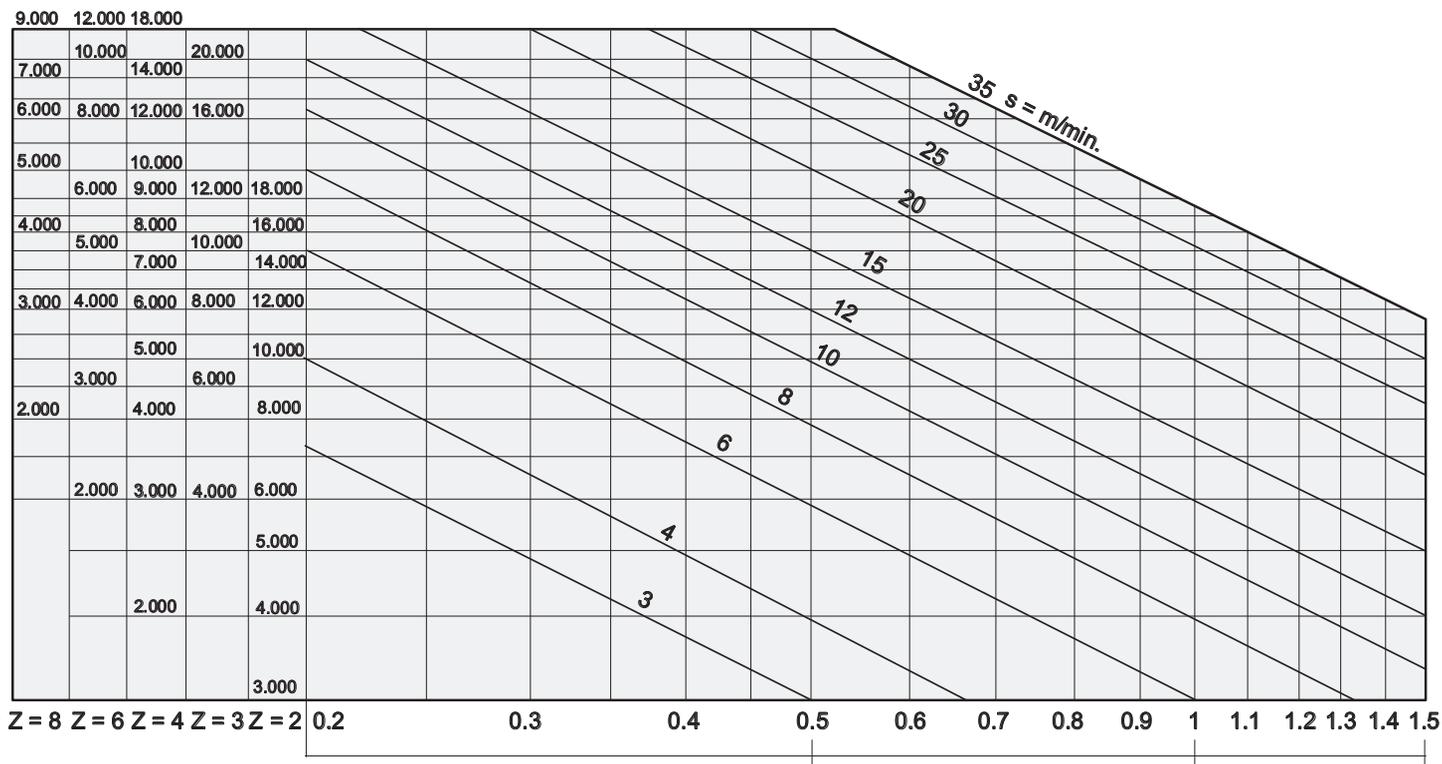
Formula per l'avanzamento del pezzo
Formula for workpiece feed

$$S_z = \frac{S - 1000}{Z - n} = \text{mm}$$

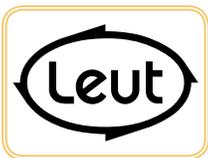
Formula per l'avanzamento del tagliente
Formula for cutting edge feed

Ad esempio vogliamo ottenere un grado di finitura media $SZ = 1 \text{ mm}$, la macchina cammina con un avanzamento di 12 m/min . Partiamo da $SZ 1$ e saliamo in verticale fino ad incontrare la diagonale corrispondente all'avanzamento di 12 m/min , dall'incontro, andiamo in orizzontale verso sinistra ed otteniamo che al nostro caso corrisponde un utensile per fresare con $Z = 2$ impiegato a 6000 g/min .

For example if we want to achieve an medium grade finish $SZ 1 \text{ mm}$, the machine feed rate must be 12 m/min . We shall start from $SZ 1$ and vertically climb up until we meet the diagonal that corresponds to the 12 m/min feed rate from the meeting point, then we proceed horizontally to the left and we find the achieve a medium grade finish we need a $Z-2$ cutter running at 6000 RPM .



Avanzamento per dente $SZ = \text{mm}$ - (Feed rate for tooth $SZ = \text{mm}$)



DEFINIZIONI TECNICHE DELLE FRESE TECHNICAL DEFINITIONS OF TOOLS

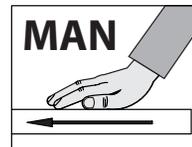
LAVORARE CON SICUREZZA SIGNIFICA USARE L'UTENSILE PIÙ APPROPRIATO IN OTTEMPERANZA ALLE VIGENTI NORME DI LEGGE.
WORKING SAFELY MEANS USING THE MOST APPROPRIATE TOOL IN COMPLIANCE WITH CURRENT LAW PROVISIONS

AVANZAMENTO A MANO

Quando i pezzi da lavorare vengono fatti avanzare a mano e cioè senza usufruire di attrezzature di bloccaggio e di avanzamento vanno utilizzati gli utensili BG-TEST.

CARATTERISTICHE:

- * Limitazione del truciolo ad un massimo di 1mm 1,1 sulla larghezza totale del filo tagliente
 - * Forma dell'utensile la più rotonda possibile così da limitare al minimo i contraccolpi
 - * Vano di scarico del truciolo il più limitato possibile
- Questi utensili possono essere utilizzati anche per qualsiasi altro tipo di avanzamento.

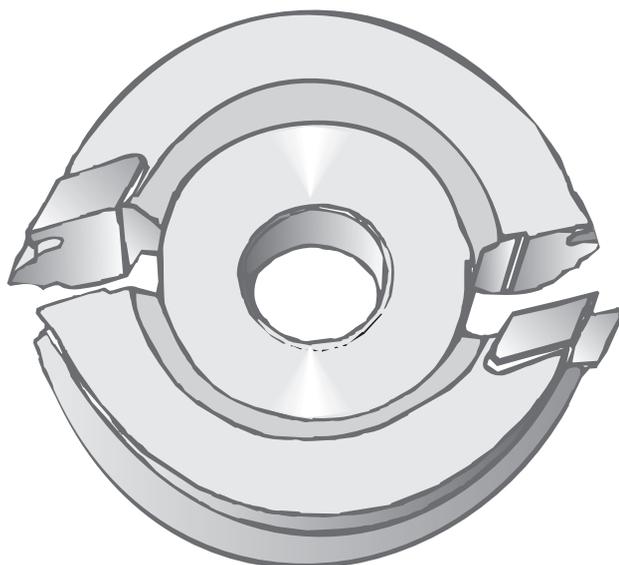


MANUAL FEED

When workpieces are feed by hand, that is without the aid of clamping and feeding fixtures, then BG-TEST tools should be used.

CHARACTERISTICS:

- * Chip limited to a maximum 1,1 over the total with of the cutting edge
 - * The shaped of the tool should be as round as possible to reduce kick-backs to the bare minimum
 - * Chip ejection clearance should be as possible
- These tools can also be used for any other type of feed

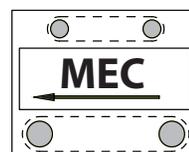


AVANZAMENTO MECCANICO

Quando i pezzi da lavorare vengono fatti avanzare mediante forza solo meccanica si possono usare questi utensili M FORM (Mecch. Vorschub)

CARATTERISTICHE:

- * Nessuna limitazione per la sporgenza dei taglienti
 - * Forma costruttiva aperta
- Sono pericolosi nell'asportazione e scarico del truciolo.

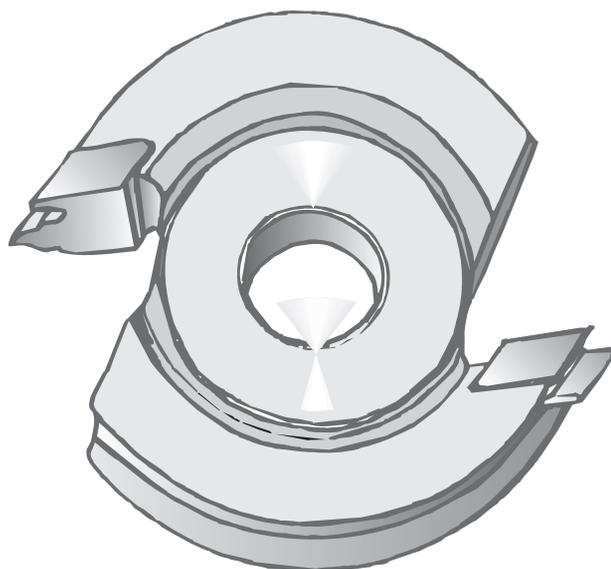


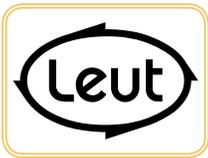
MECHANICAL FEED

When workpieces are fed by mechanical force only the M. FORM (Mecch. Vorschub)

CHARACTERISTICS:

- * No limits to cutting edge jut
 - * Open shape
- Dangerous for chip removal and ejection





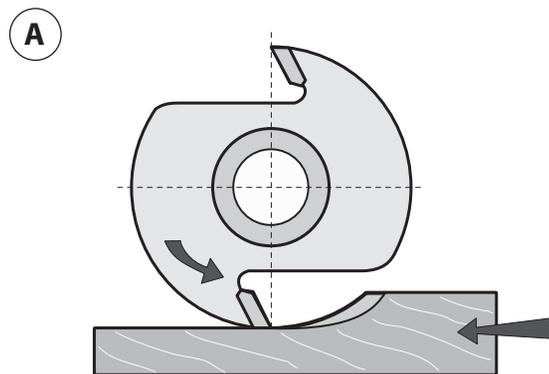
CONDIZIONI D'IMPIEGO - (CONDITION OF USE)

FRESARE IN OPPOSIZIONE

La rotazione di taglio dell'utensile ed il moto di avanzamento del pezzo sono in opposizione l'uno all'altro (vedi schema A).
A causa del procedimento particolare di truciolazione (l'aumento dello spessore del truciolo) e la spaccatura che precede l'azione del tagliente si consegue una maggiore tenuta di taglio dell'utensile.
Con l'avanzamento manuale trova applicazione soltanto il metodo della lavorazione in opposizione.

COUNTER-MILLING

Rotation of the cutting tool and workpiece feed motion are opposite each other (refer to sketch A).
Owing to the special chipping process (increase of chip thickness) and s'plitting prior to the cutting edge action a higher cutting consistency by the tool is achieved.
With manual feed only the counter-processing method can be used.

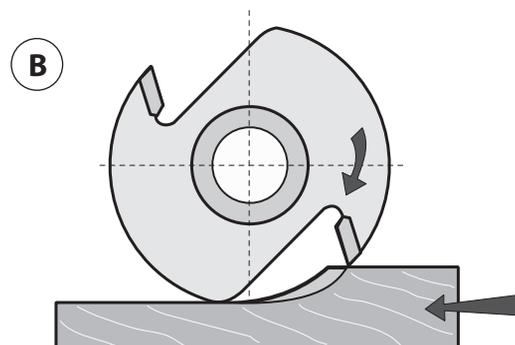


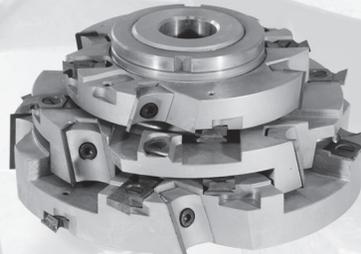
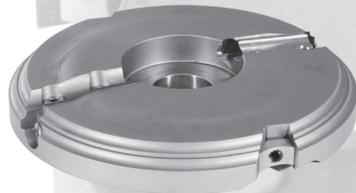
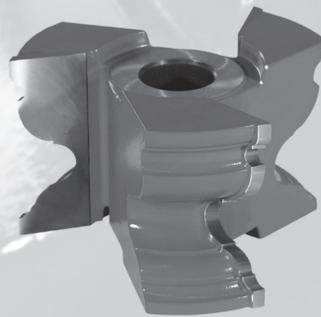
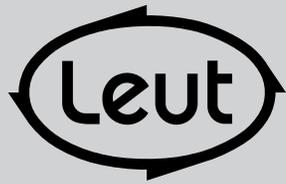
FRESARE IN CONCORDANZA

La rotazione di taglio dell'utensile ed il moto di avanzamento del pezzo concordano fra di loro (vedi schema B).
Quando il tagliente incontra il legno, esso asporta immediatamente il massimo spessore del truciolo che poi, verso la fine della freastura, diminuisce di spessore.
Ciò insieme al fatto che viene a mancare la pre-spaccatura del legno, comporta tenute di taglio minori.
Tuttavia la lavorazione in concordanza permette avanzamenti più elevati.
La fresatura in concordanza è possibile soltanto con avanzamento meccanico.

HARMONIZED MILLING

Rotation of the cutting tool and workpiece feed motion are harmonized (refer to sketch B).
When the cutting edge makes contact with the wood, it immediatly removes the maximum chip thickness which diminishes towards the end of the milling operation.
This, combined with the fact there is no -pre-splitting of the wood, results in a lower cutting consistency.
However harmonized milling is possible with mechanical feed only.





INDICE DELLE SEZIONI

SECTION INDEX

FRESE SALDOBRASATE DI SERIE
STANDARD BRAZE WELDEN CUTTERS
FRESAS SOLDADAS FUERTE ESTANDARD
FRAISES BRASEES DE SERIE
ФРЕЗЫ ИЗ ТВЕРДОГО СПЛАВА С НАПАЙКАМИ – СЕРИЙНЫЕ

1

FRESE SALDOBRASATE SPECIALI
SPECIAL BRAZE WELDEN CUTTERS
FRESAS SOLDADAS FUERTE ESPECIALES
FRAISE BRASEES SPECIALES
ФРЕЗЫ ИЗ ТВЕРДОГО СПЛАВА С НОЖАМИ – СПЕЦИАЛЬНЫЕ

2

TESTE CON COLTELLI A GETTARE IN HM DI SERIE
STANDARD HEADS WITH THROWAWAY HM KNIVES
CABEZAS ESTANDARD CON CUCHILLAS NO RECUPERABLES EN HM
PORTE OUTILS DE SERIE AVEC PLAQUETTES A JETER EN HM
НОЖЕВЫЕ ГОЛОВКИ ИЗ HM - СЕРИЙНЫЕ

3

TESTE CON COLTELLI A GETTARE IN HM DI SPECIALI
SPECIAL HEADS WITH THROWAWAY HM KNIVES
CABEZAS ESPECIALES CON CUCHILLAS NO RECUPERABLES EN HM
PORTE OUTILS SPECIAUX AVEC PLAQUETTES A JETER
НОЖЕВЫЕ ГОЛОВКИ ИЗ HM – СПЕЦИАЛЬНЫЕ

4

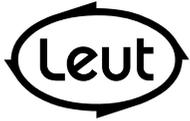
SERRAMENTI
WINDOWS
MENUISERIE
CARPINTERÍA
НОКНА / ДВЕРИ

5

FRESE SALDOBRASATE DI SERIE
STANDARD BRAZE WELDEN CUTTERS
FRESAS SOLDADAS FUERTE STANDARD
FRAISES STANDARD SOUDO-BRASEES
СПЕЦИАЛЬНЫЕ ФРЕЗЫ СО СМЕННЫМИ НОЖАМИ

1

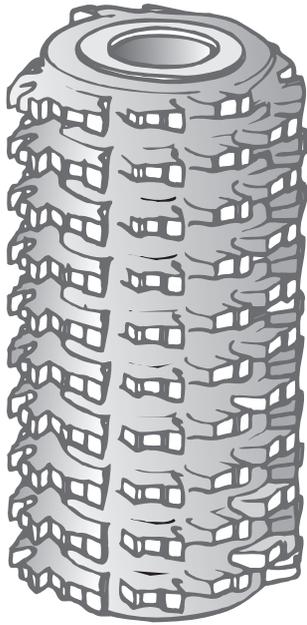




ART.
551

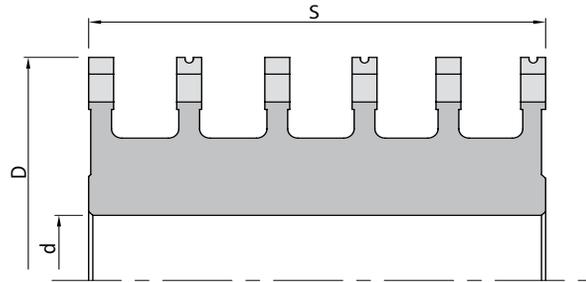
FRESE MULTITAGLIANTI PER GRANDI ASPORTAZIONI
MULTIPLE CUTTERS FOR BIG REMOVALS
FRESAS DE CORTANTES MÚLTIPLES PARA GRANDES DESBATES
FRAISES À CALIBRER COUPE HELICOIDALE POUR ENLEVER DE GRANDES SURFACES
ФРЕЗЫ МУЛЬТИРЕЖУЩИЕ ДЛЯ ГЛУБОКИХ СЪЕМОВ

6

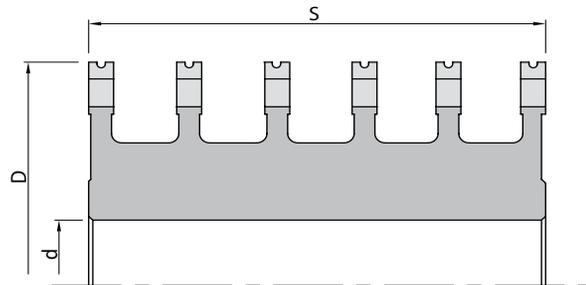


HW

Z12



Z16



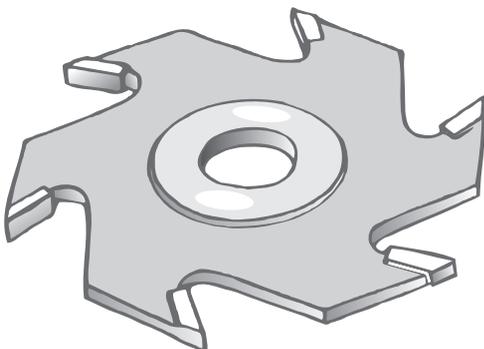
ART.	CODE	D (mm)	S (mm)	d (mm)	Z
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	AB	80-100	80	35	12
	AC	80-100	100	35	12
	AD	80-100	120	35	12
	AF	80-100	130	35	12
	AG	80-100	140	35	12
	AH	80-100	150	35-40	12
	AI	80-100	160	35-40	12
	AL	80-100	170	35-40	12
	AM	80-100	180	35-40	12
	AN	125-140	60	35-40	12
	AO	125-140	80	35-40	12
	AP	125-140	100	35-40	12
	AQ	125-140	120	35-40	12
	AR	125-140	130	35-40	12
	AS	125-140	140	35-40	12
	AT	125-140	150	35-40	12
	AU	125-140	160	35-40	12
	AV	125-140	170	35-40	12
	AZ	125-140	180	35-40	12
AW	125-140	200	35-40	12	
AY	125-140	220	35-40	12	
AJ	125-140	230	35-40	12	

ART.	CODE	D (mm)	S (mm)	d (mm)	Z
551	BA	80-100	60	35	16
	BB	80-100	80	35	16
	BC	80-100	100	35	16
	BD	80-100	120	35	16
	BE	80-100	130	35	16
	BF	80-100	140	35	16
	BG	80-100	150	35-40	16
	BI	80-100	160	35-40	16
	BL	80-100	170	35-40	16
	BM	80-100	180	35-40	16
	BN	125-140	60	35-40	16
	BO	125-140	80	35-40	16
	BP	125-140	100	35-40	16
	BQ	125-140	120	35-40	16
	BR	125-140	140	35-40	16
	BS	125-140	130	35-40	16
	BT	125-140	150	35-40	16
	BU	125-140	160	35-40	16
	BV	125-140	170	35-40	16
	BZ	125-140	180	35-40	16
BW	125-140	200	35-40	16	
BY	125-140	220	35-40	16	
BJ	125-140	230	35-40	16	



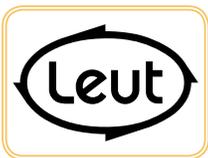
ART.
215

FRESE PER INCASTRI
GROOVING CUTTERS
FRESAS PARA EMPALMES
FRAISES À RAINER
ПАЗОВЫЕ ФРЕЗЫ СРАЩИВАНИЯ



HW

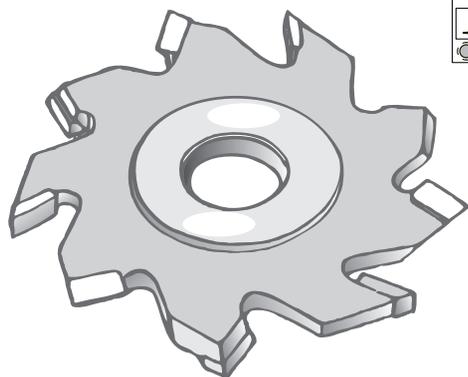
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	140	4	30/35/40/50	6
AB	140	6	30/35/40/50	6
AC	140	8	30/35/40/50	6
AD	140	10	30/35/40/50	6
AE	140	12	30/35/40/50	6
AF	140	14	30/35/40/50	6
AG	140	16	30/35/40/50	6
AH	140	18	30/35/40/50	6
AI	140	20	30/35/40/50	6



ART.
267

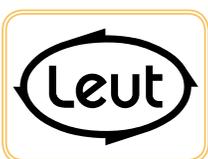
FRESE PER INCASTRI CON RASANTI
GROOVING COOTERS WITH SHAVERS
FRESAS PARA EMPALMES CON CEPILLOS
FRAISES À RAINER AVEC RACLOIRS
ПАЗОВЫЕ ФРЕЗЫ СО СТРОГАТЕЛЯМИ

7



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	FORO BORE (mm)	SPESSORE THICKNESS (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	140	30/35/40/50	4	4	4
AB	140	30/35/40/50	6	4	4
AC	140	30/35/40/50	8	4	4
AD	140	30/35/40/50	10	4	4
AE	140	30/35/40/50	12	4	4
AF	140	30/35/40/50	14	4	4
AG	140	30/35/40/50	16	4	4
AH	140	30/35/40/50	18	4	4
AI	140	30/35/40/50	20	4	4



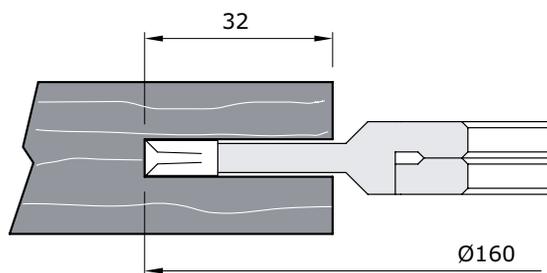
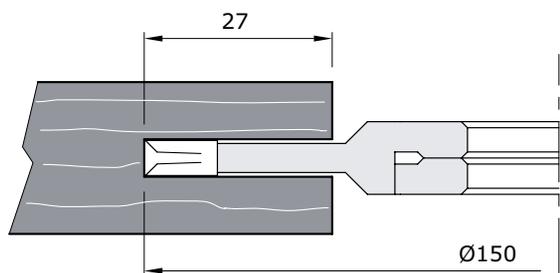
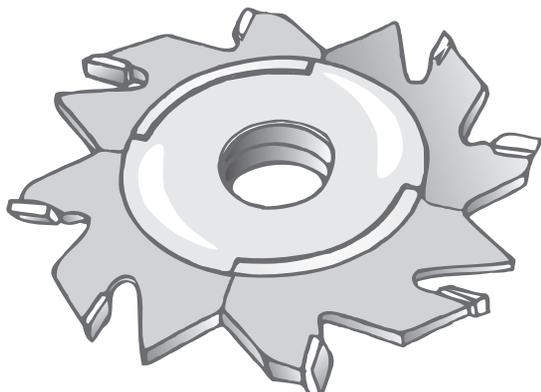
ART.
231

FRESE PER INCASTRI REGOLABILI CON ANELLI, RASANTI, E LIMITATORE DI TRUCIOLO
RINGSET ADJUSTABLE GROOVING COOTERS WITH SHAVERS AND EDGING GRINDER LIMITER
FRESAS PARA EMPALMES AJUSTABLES CON ANILLOS, CEPILLOS, Y LIMITADOR DE VIRUTAS
FRAISES À RAINER EXTENSIBLES AVEC BAGUES ET RACLOIRS
ПАЗОВЫЕ ФРЕЗЫ РЕГУЛИРУЕМЫЕ ПОСРЕДСТВОМ КОЛЕЦ, СРОГАТЕЛИ И ОГРАНИЧИТЕЛЬ СТРУЖКИ

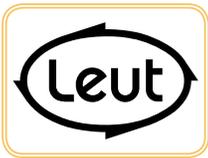


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AE	150	4-8	30/35/40/50	4	4
AI	150	5-10	30/35/40/50	4	4
AL	150	7,5-14	30/35/40/50	4	4
BB	160	10-20	30/35/40/50	4	4

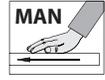


1



ART. 1022

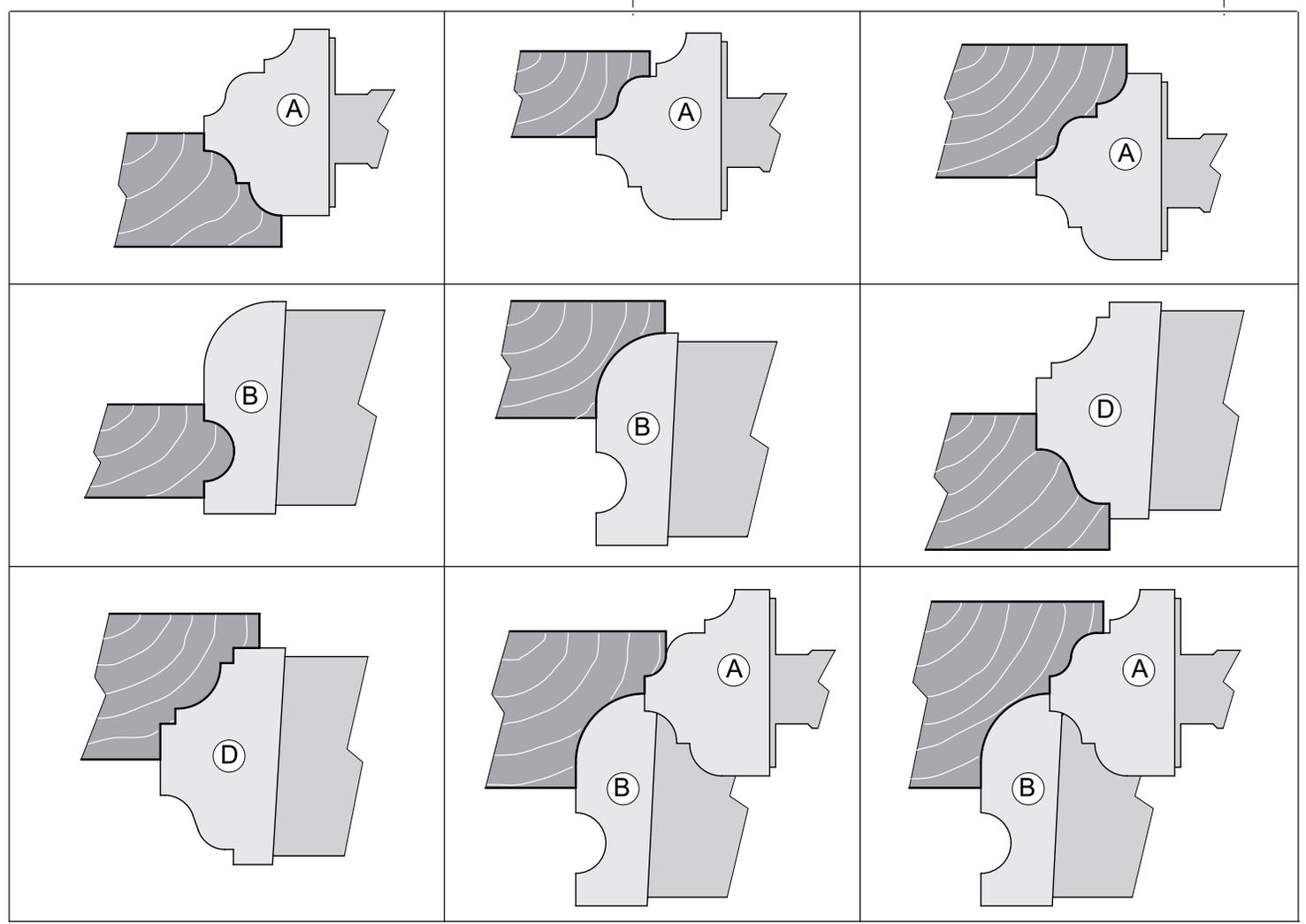
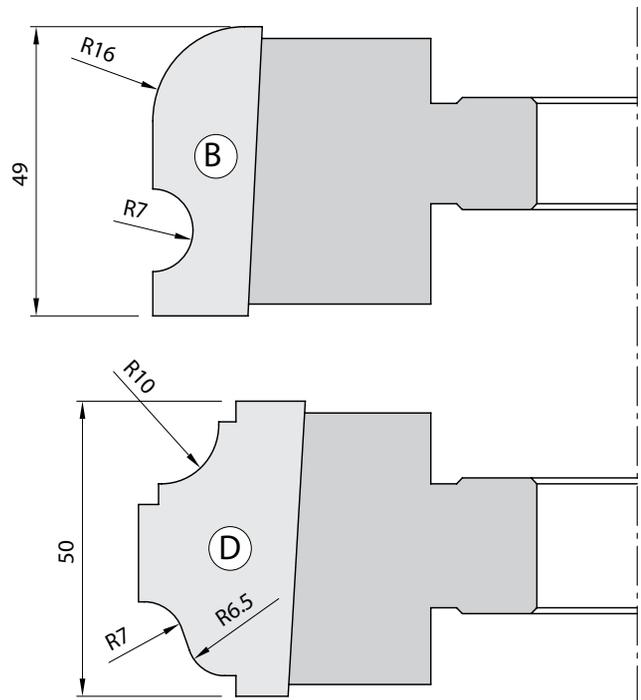
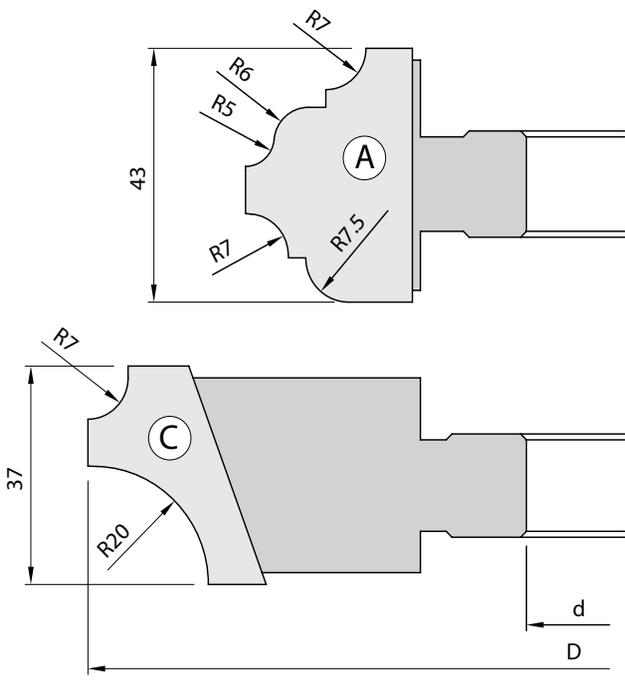
SERIE DI FRESE SAGOMATE PER PROFILI DI MOBILI IN STILE
SHAPED CUTTERSET FOR FOR PROFILING REPRODUCTION FURNITURE COMPLETE BOX
SERIE DE FRESAS MOLDEADAS PARA PERFILES DE MUEBLES EN ESTILO
SÉRIE DE FRAISES PROFILÉES POUR PROFILS DE MEUBLES EN STYLE
СЕРИЯ ШАБЛОННЫХ ФРЕЗ ДЛЯ ПРОФИЛЕЙ СТИЛЬНОЙ МЕБЕЛИ

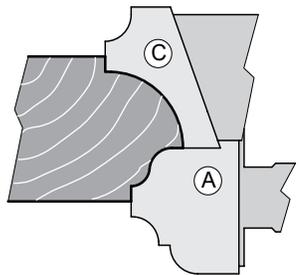
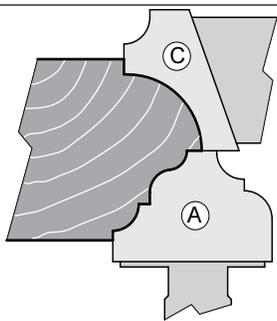
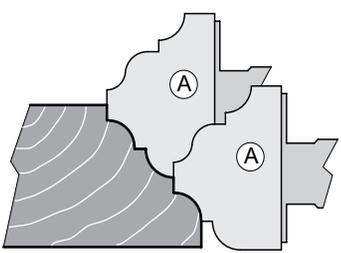
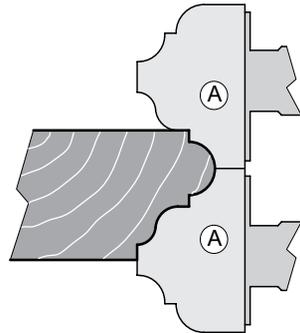
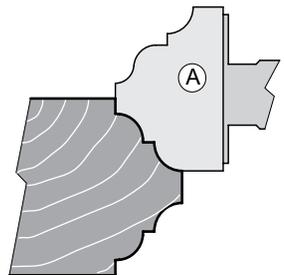
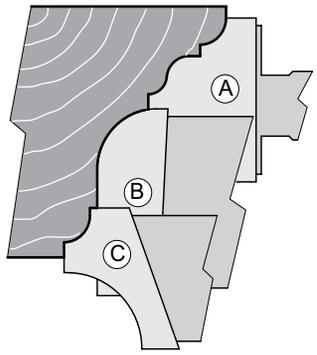
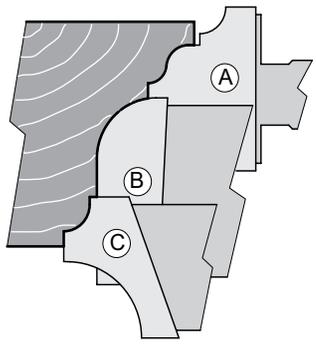
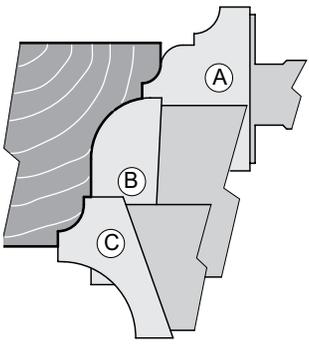
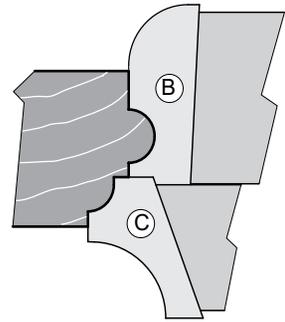
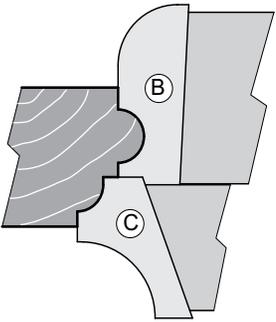
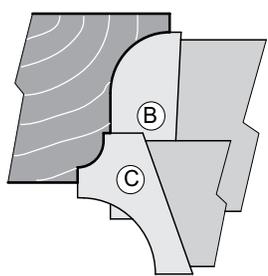
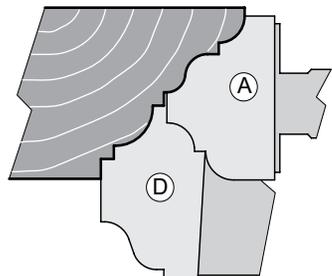
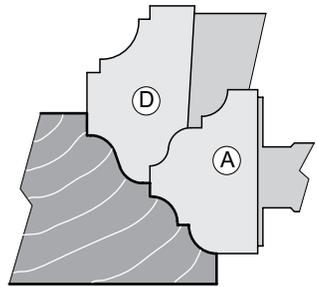
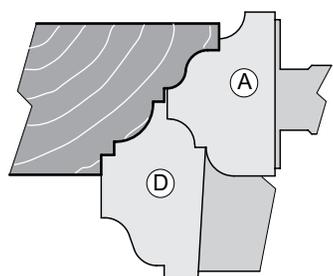
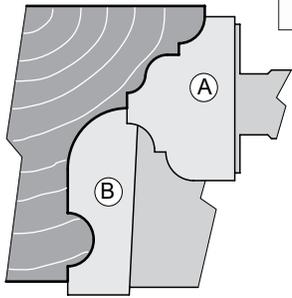
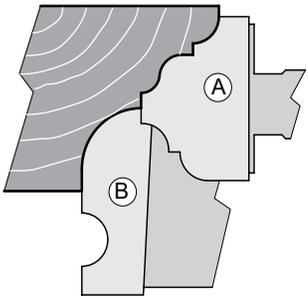
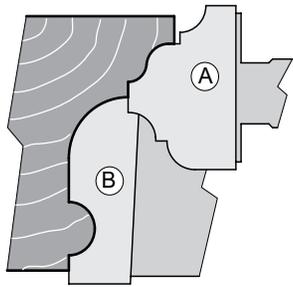


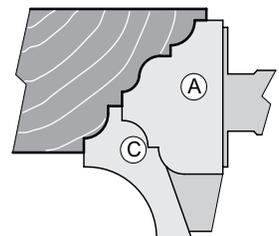
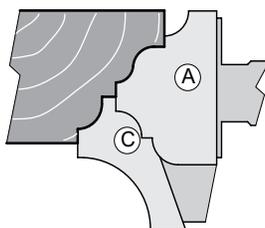
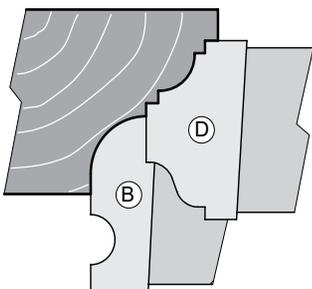
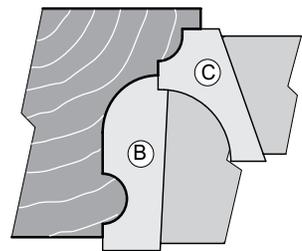
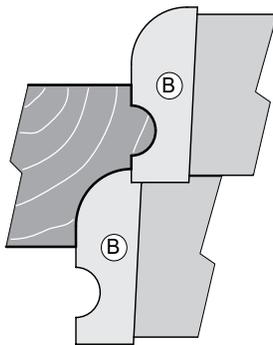
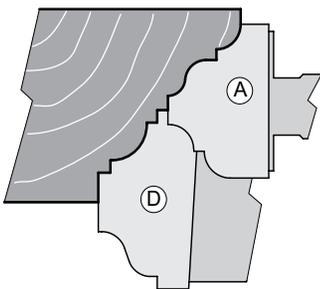
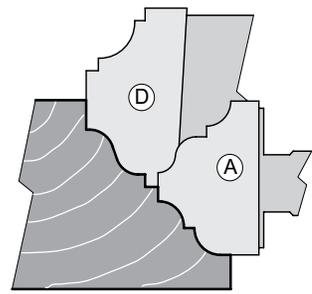
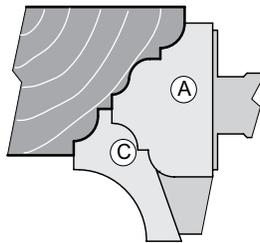
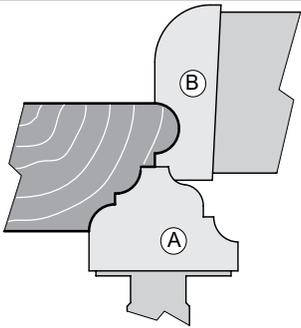
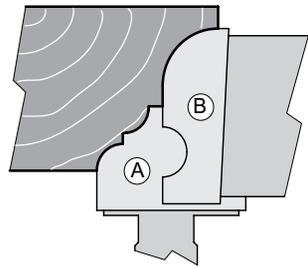
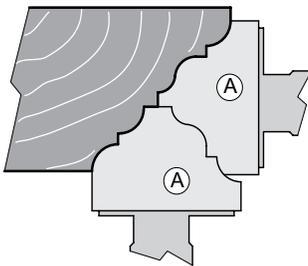
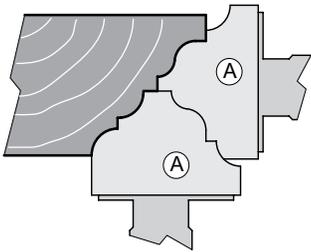
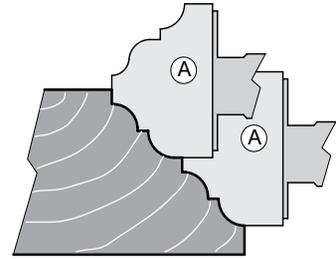
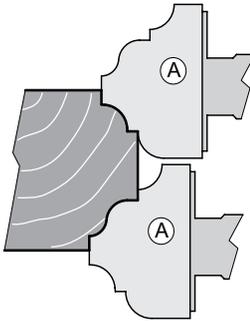
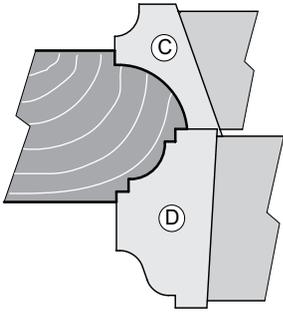
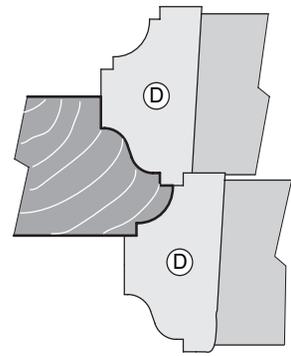
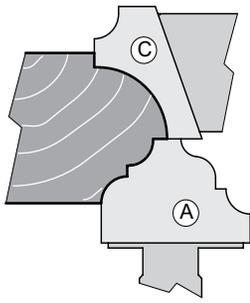
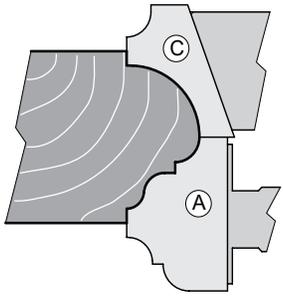
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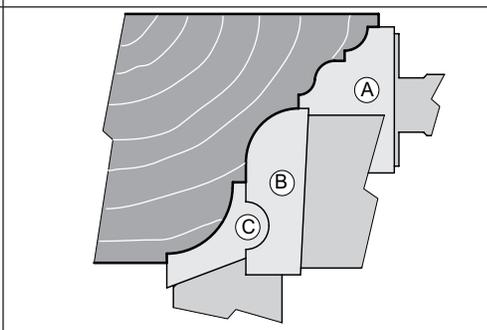
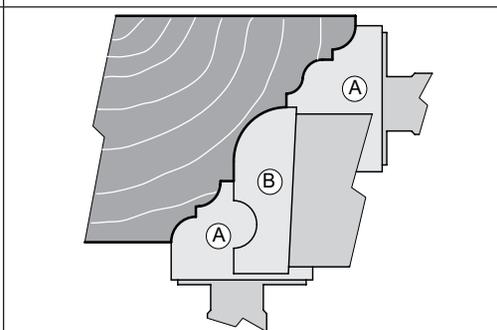
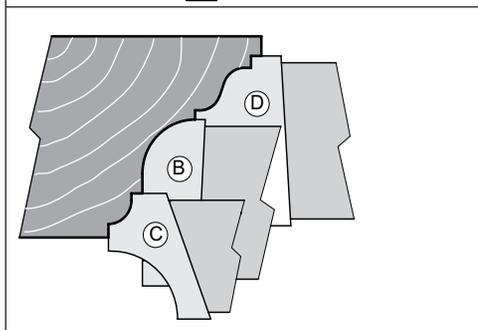
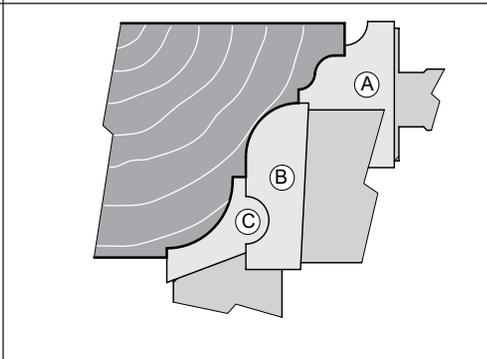
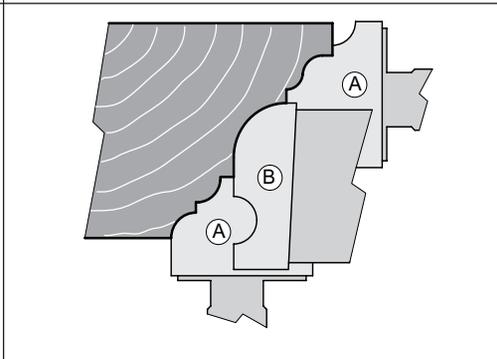
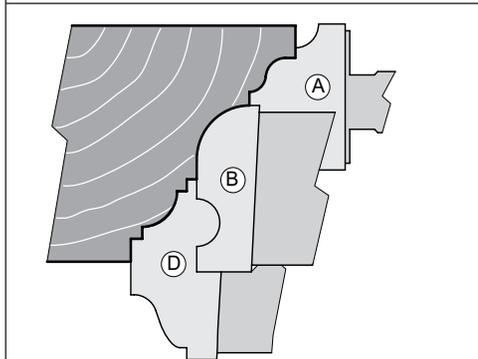
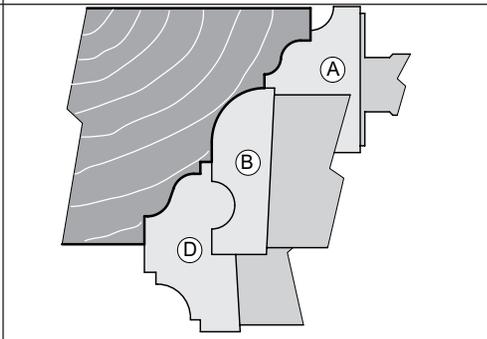
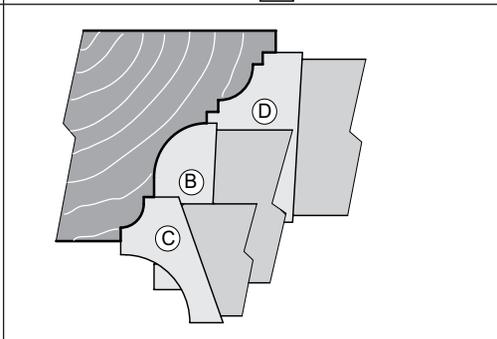
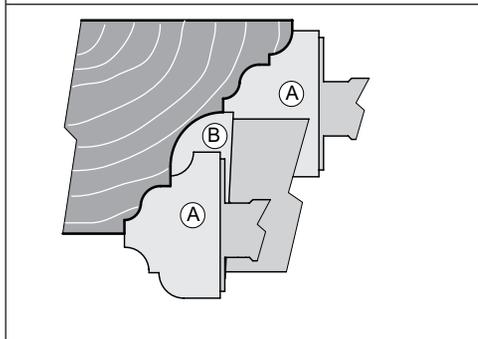
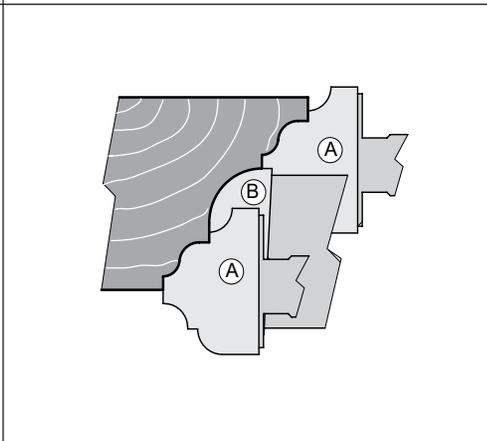
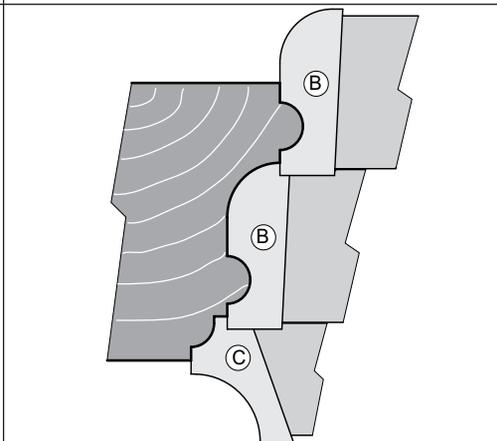
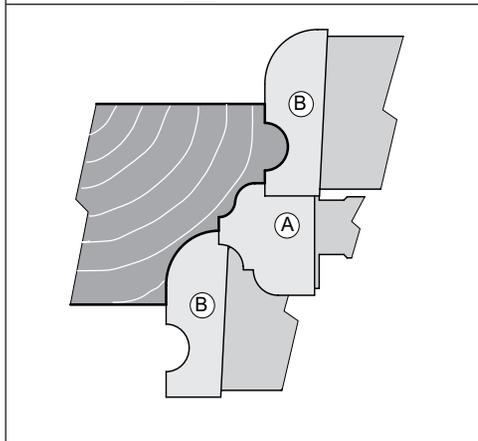
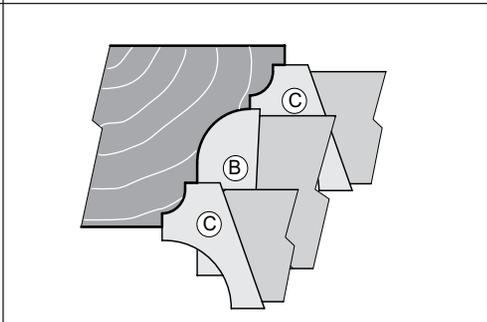
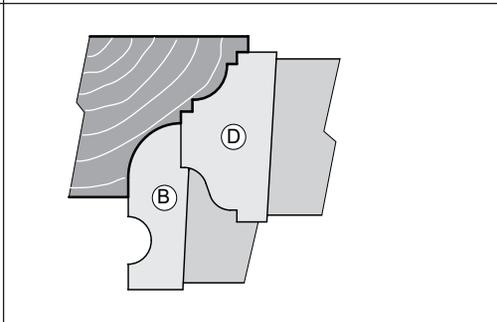
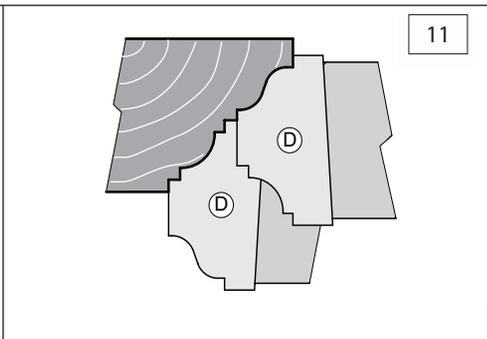
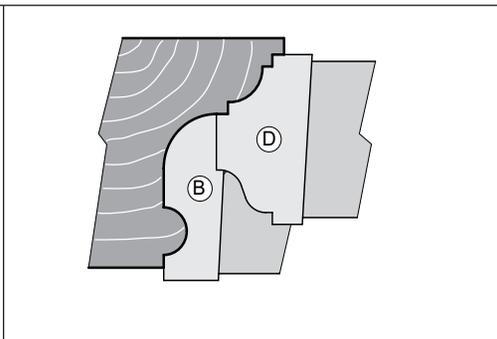
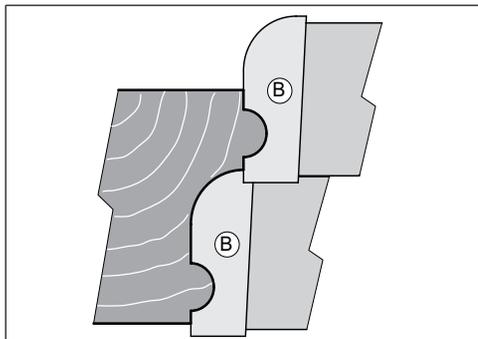
CODICE CODE	DIAMETRO DIAMETER (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
E8	190	30/35/40/50	2

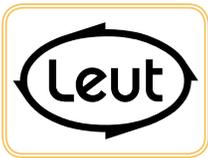
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ART.
1021

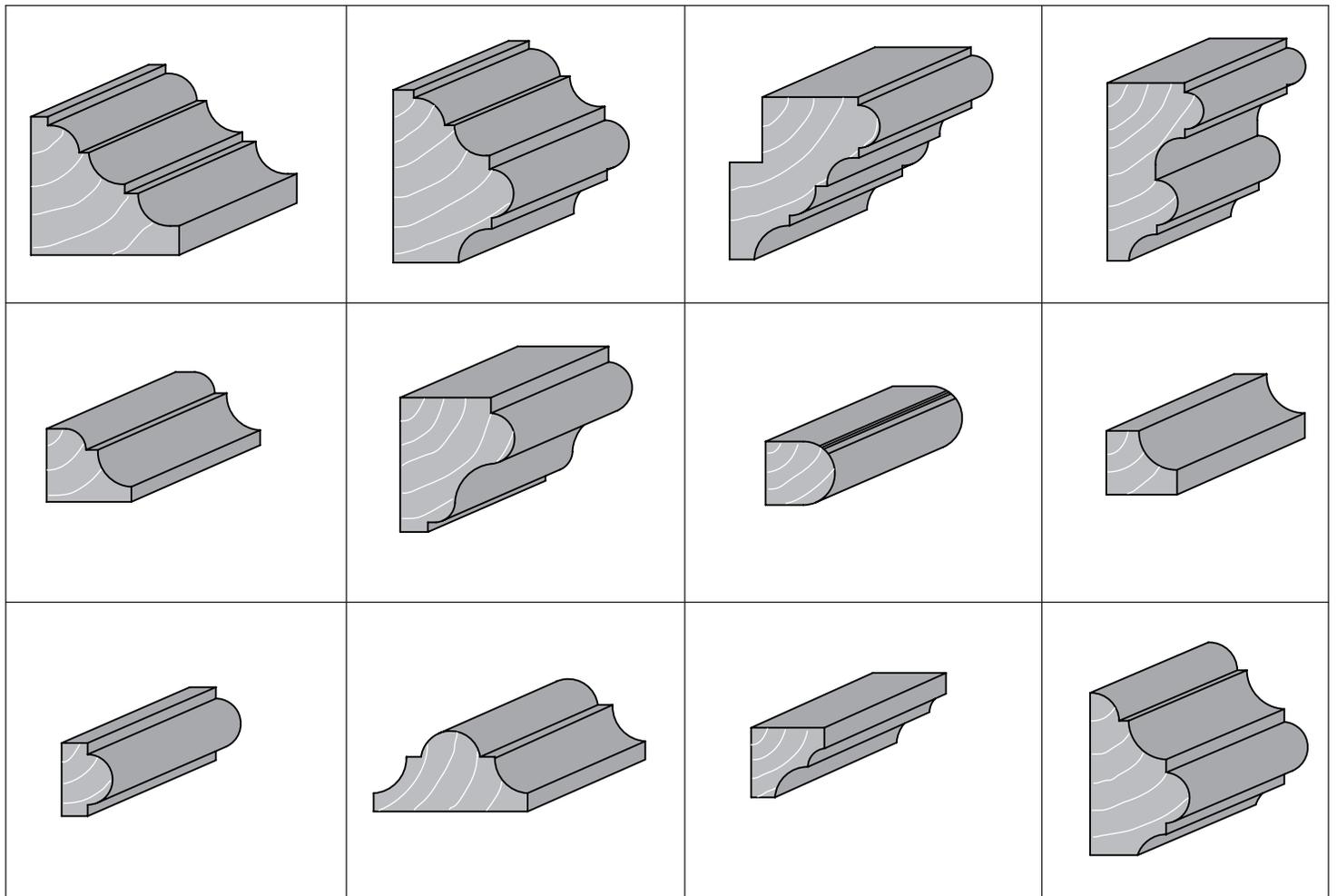
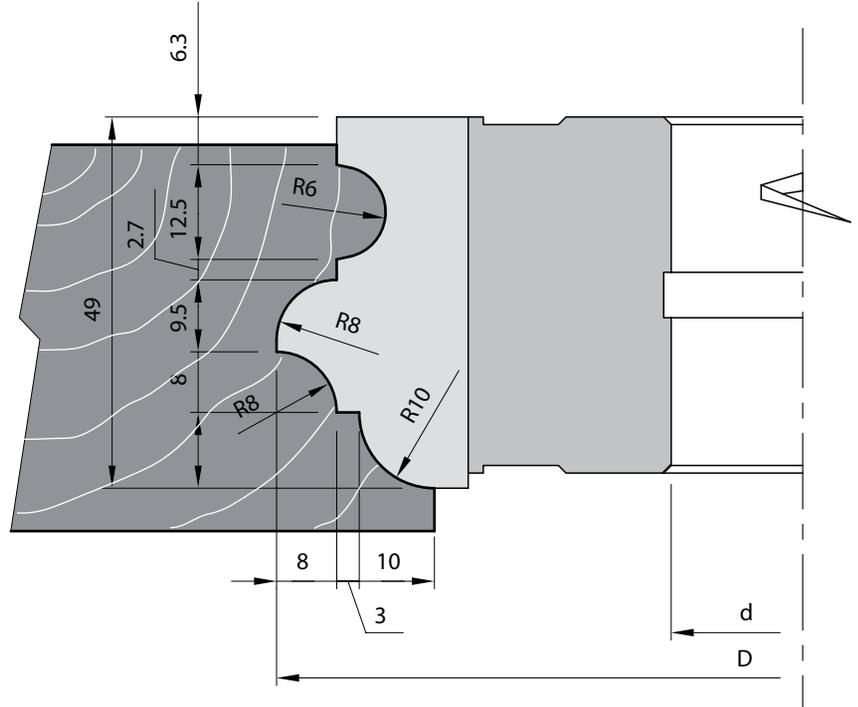
FRESE SAGOMATE MULTIPROFILO
MULTIPROFILE SHAPED CUTTERS
FRESAS MOLDEADAS DE PERFILES MULTIPLES
FRAISES MULTI-PROFILS
ФРЕЗЫ ШАБЛОННЫЕ МУЛЬТИПРОФИЛЬНЫЕ

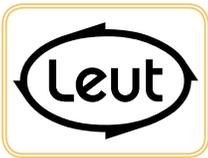


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	140	49	30/35/40/50	2

1

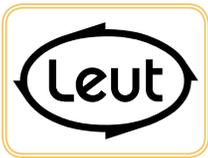




ART.
1021

FRESE SAGOMATE MULTIPROFILO
MULTIPROFILE SHAPED CUTTERS
FRESAS MOLDEADAS DE PERFILES MULTIPLES
FRAISES MULTI-PROFILS
ФРЕЗЫ ШАБЛОННЫЕ МУЛЬТИПРОФИЛЬНЫЕ

1



ART.
1020

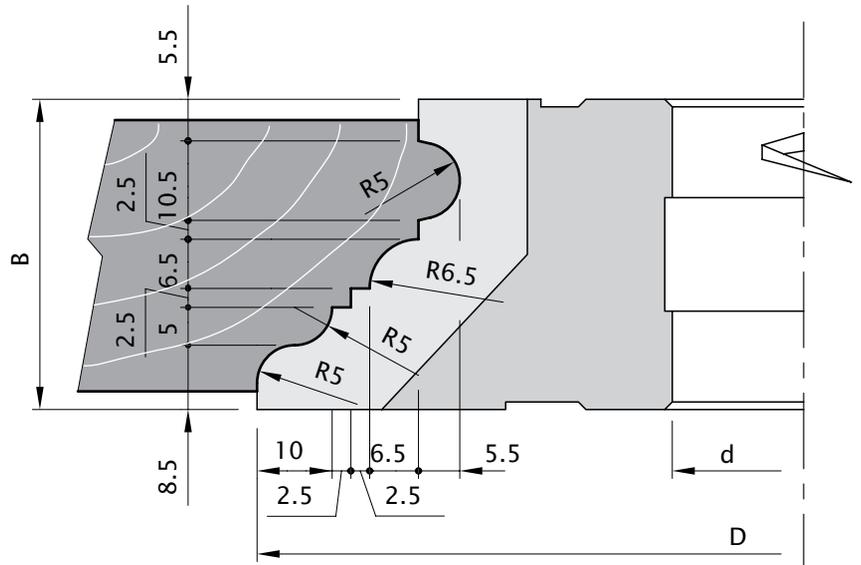
FRESA SAGOMATA MULTIPROFILI
MULTIPROFILE SHAPED CUTTERS
FRESA MOLDEADA DE PERFILES MULTIPLES
FRAISES MULTI-PROFILS
ФРЕЗЫ ШАБЛОННЫЕ МУЛЬТИПРОФИЛЬНЫЕ

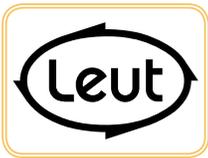


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AB	145	41	30/35/40/50	2

1

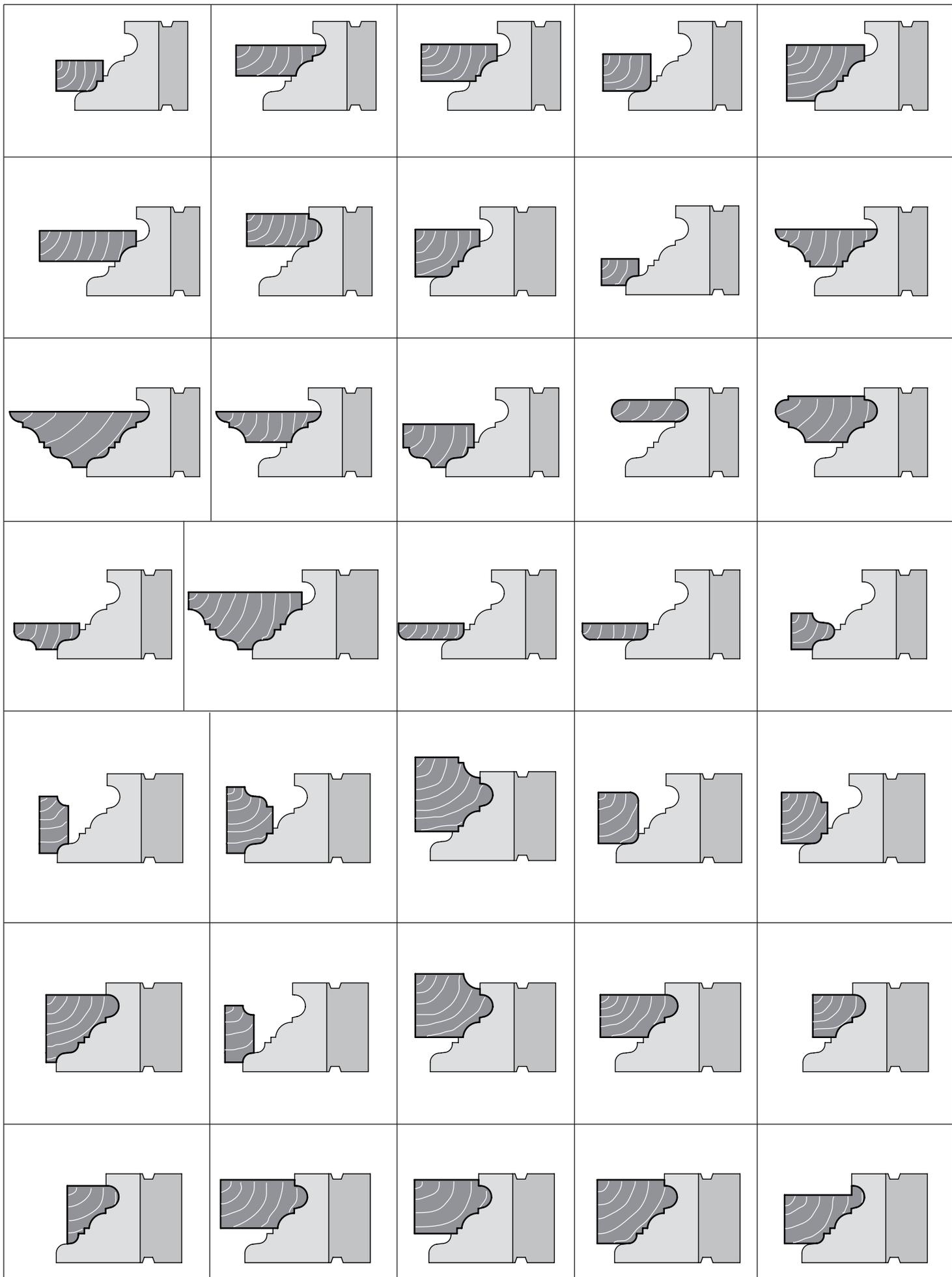


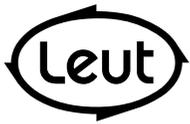


ART.
1020

FRESA SAGOMATA MULTIPROFILI
MULTIPROFILE SHAPED CUTTERS
FRESA MOLDEADA DE PERFILES MÚLTIPLES
FRAISES MULTI-PROFILS
ФРЕЗЫ ШАБЛОННЫЕ МУЛЬТИПРОФИЛЬНЫЕ

1





ART.
411

GRUPPO FRESE MASCHIO PER PARCHETTI
MALE CUTTERS SET FOR PARQUETING
GRUPO FRESAS MACHO PARA PARQUES
JEU DE FRAISES À TENON POUR PARQUET
СЕРИЯ ПАРКЕТНЫХ ФРЕЗ "ГРЕБЕНЬ"

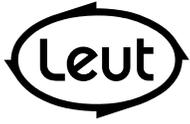
16

REGOLAZIONE CON ANELLI
ADJUSTABLE BY RINGSET
REGULACION CON ANILLOS
RÉGLAGE AVEC BAGUES
РЕГУЛИРОВАНИЕ ПРИ ПОМОЩИ КОЛЕЦ



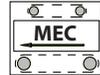
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	140	40	30/35/40/50	4	2

1

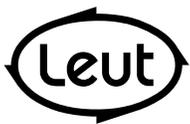
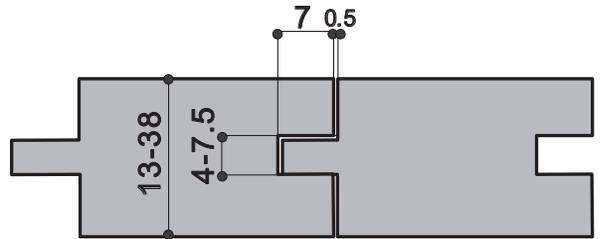
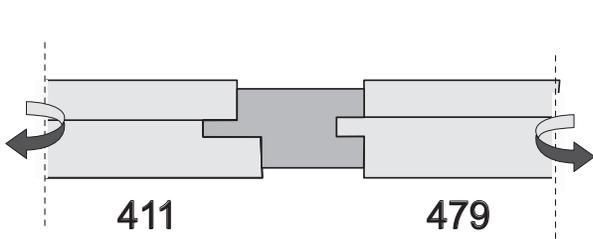


ART.
479

GRUPPO FRESE FEMMINA PER PARCHETTI
FEMALE CUTTER SET FOR PARQUETING
GRUPO FRESAS HEMBRA PARA PARQUES
JEU DE FRAISES À MORTAISE POUR PARQUET
СЕРИЯ ПАРКЕТНЫХ ФРЕЗ "ПАЗ"



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AB	140	40	30/35/40/50	4



ART.
491

GRUPPO FRESE MASCHIO PER PERLINE
MALE CUTTERS SET FOR MARCHBOARD
GRUPO FRESAS MACHO PARA MACHIHENBRADO
JEU DE FRAISES À TENON POUR LAMBRIS
СЕРИЯ ФРЕЗ ДЛЯ ЕВРОВАГОНКИ "ГРЕБЕНЬ"

REGOLAZIONE CON ANELLI
ADJUSTABLE BY RINGSET
REGULACION CON ANILLOS
RÉGLAGE AVEC BAGUES
РЕГУЛИРОВАНИЕ ПРИ ПОМОЩИ КОЛЕЦ

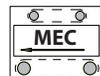


CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	140	40	30/35/40/50	4	2

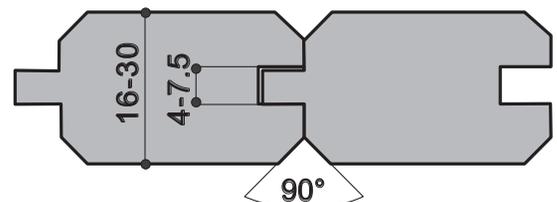
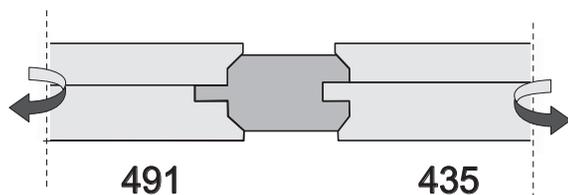


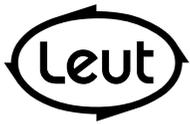
ART.
435

GRUPPO FRESE FEMMINA PER PERLINE
FEMALE CUTTER SET FOR MARCHBOARD
GRUPO FRESAS HEMBRA PARA MACHIHENBRADO
JEU DE FRAISES À MORTAISE POUR LAMBRIS
СЕРИЯ ФРЕЗ ДЛЯ ЕВРОВАГОНКИ "ПАЗ"



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AB	140	40	30/35/40/50	4





ART.
431

GRUPPO FRESE MASCHIO PER PERLINE
MALE CUTTERS SET FOR MARCHBOARD
GRUPO FRESAS MACHO PARA MACHIHENBRADO
JEU DE FRAISES À TENON POUR LAMBRIS
СЕРИЯ ФРЕЗ ДЛЯ ЕВРОВАГОНКИ "ГРЕБЕНЬ"

17

REGOLAZIONE CON ANELLI
ADJUSTABLE BY RINGSET
REGULACION CON ANILLOS
RÉGLAGE AVEC BAGUES
РЕГУЛІРОВАНИЕ ПРИ ПОМОЩІ КОЛЕЦЬ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	160	30	30/35/40/50	4	2



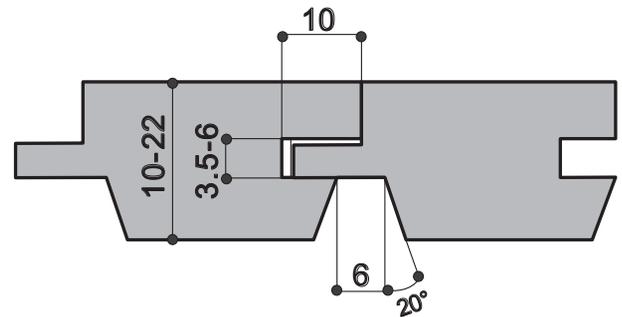
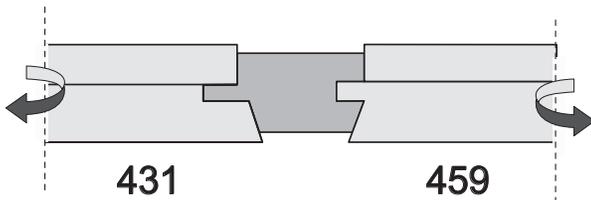
ART.
459

GRUPPO FRESE FEMMINA PER PERLINE
FEMALE CUTTER SET FOR MARCHBOARD
GRUPO FRESAS HEMBRA PARA MACHIHENBRADO
JEU DE FRAISES À MORTAISE POUR LAMBRIS
СЕРИЯ ФРЕЗ ДЛЯ ЕВРОВАГОНКИ "ПАЗ"



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AB	160	30	30/35/40/50	4



ART.
483

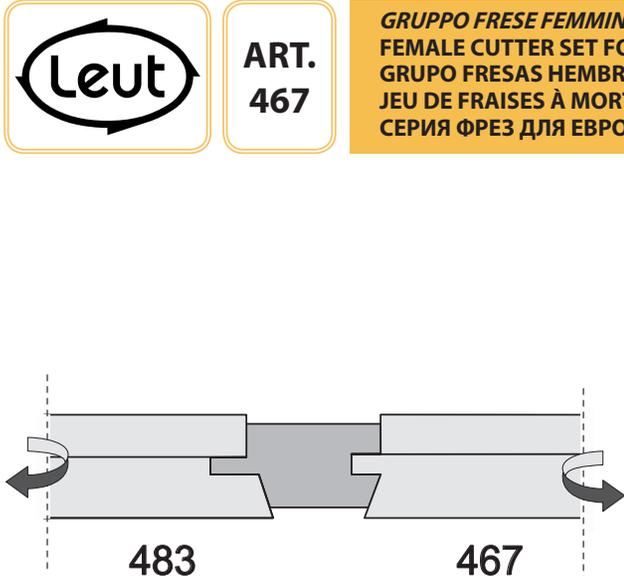
GRUPPO FRESE MASCHIO PER PERLINE
MALE CUTTERS SET FOR MARCHBOARD
GRUPO FRESAS MACHO PARA MACHIHENBRADO
JEU DE FRAISES À TENON POUR LAMBRIS
СЕРИЯ ФРЕЗ ДЛЯ ЕВРОВАГОНКИ "ГРЕБЕНЬ"

REGOLAZIONE CON ANELLI
ADJUSTABLE BY RINGSET
REGULACION CON ANILLOS
RÉGLAGE AVEC BAGUES
РЕГУЛІРОВАНИЕ ПРИ ПОМОЩІ КОЛЕЦЬ

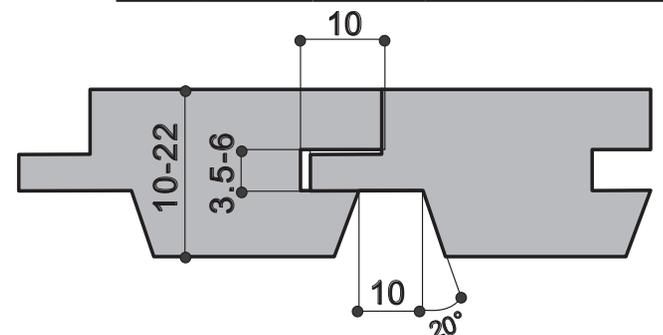


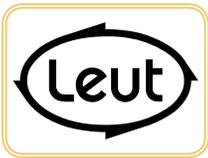
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	160	30	30/35/40/50	4	2



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AB	160	30	30/35/40/50	4





ART.
1025

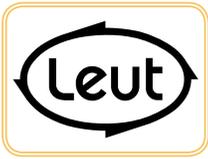
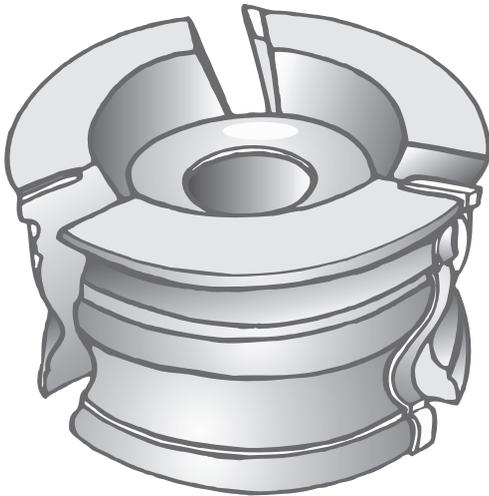
FRESA SAGOMATE PER COPRIPROFILI
SHAPED CUTTERS
FRESAS MOLDEADAS PARA CUBREFILETES
FRAISES PROFILÉES POUR COUVRE-PROFIL
ФРЕЗЫ ШАБЛОННЫЕ ФИЛЁНЧАТЫЕ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AB	140	80	30/35/40/50	3

1



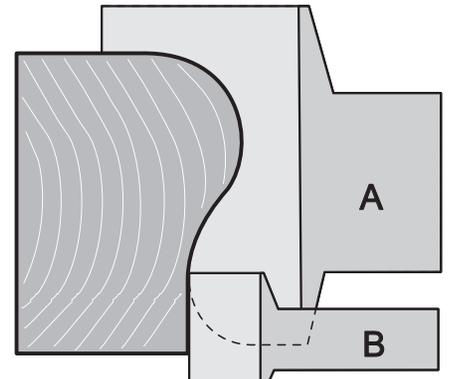
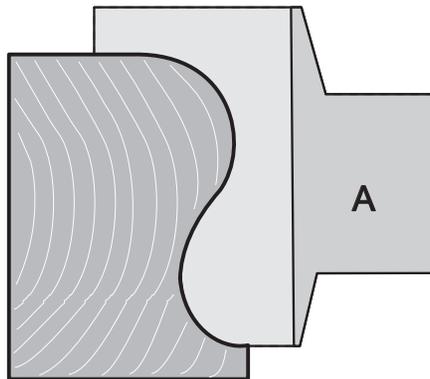
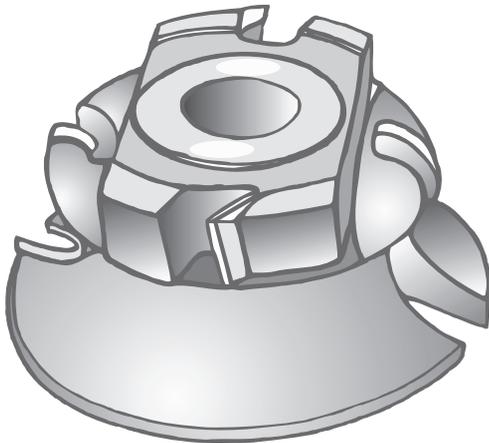
ART.
1026

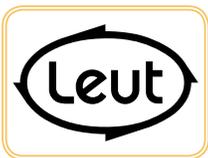
GRUPPO FRESE PER PASSAMANO
CUTTERS SET FOR TRIMMINGS
GRUPO FRESAS PARA PASAMANOS
JEU DE FRAISES POUR MAIN-COURANTE
СЕРИЯ ФРЕЗ ДЛЯ ПОРУЧНЕЙ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AB	165	64	30/35/40/50	2





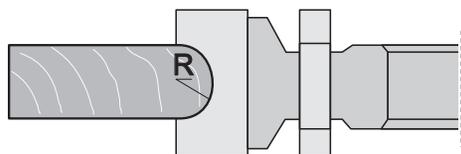
ART.
610

FRESE PER PROFILI MEZZI TONDI - PROFILO A RAGGIO
PROFILE CUTTER FOR HALF ROUND PROFILES
FRESAS PARA PERFILES SEMI-REDONDOS
FRAISES POUR PROFILS MI-RONDS
ФРЕЗЫ ДЛЯ ПОЛУКРУГЛЫХ ПРОФИЛЕЙ - РАДИУСНОЕ ПРОФИЛИРОВАНИЕ

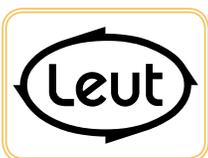
19



HW



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RAGGIO-R RADIUS-R (mm)
AA	140	15	30/35/40/50	3	4
AB	140	20	30/35/40/50	3	5
AC	140	20	30/35/40/50	3	5,5
AD	140	20	30/35/40/50	3	6
AE	140	25	30/35/40/50	3	7,5
AF	140	30	30/35/40/50	3	10
AG	140	35	30/35/40/50	3	12,5
AH	140	40	30/35/40/50	3	15
AI	140	50	30/35/40/50	3	20

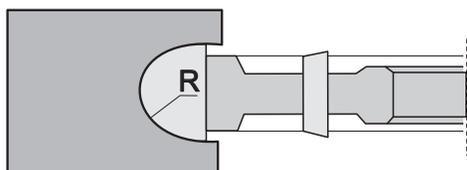


ART.
620

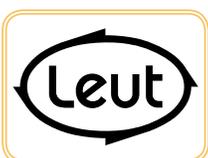
FRESE PER CANALI MEZZO TONDO - PROFILO A RAGGIO
ROUTER HALF ROUND
FRESAS PARA CANALES SEMI-REDONDOS
FRAISES POUR CANAUX MI-RONDS
ФРЕЗА ДЛЯ ПОЛУКРУГЛЫХ „КАНАЛОВ” - РАДИУСНОЕ ПРОФИЛИРОВАНИЕ



HW



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RAGGIO-R RADIUS-R (mm)
AA	140	8	30/35/40/50	3	4
AB	140	10	30/35/40/50	3	5
AC	140	12	30/35/40/50	3	6
AD	140	15	30/35/40/50	3	7,5
AE	140	20	30/35/40/50	3	10
AF	140	25	30/35/40/50	3	12,5
AG	140	30	30/35/40/50	3	15
AH	140	40	30/35/40/50	3	20



ART.
630

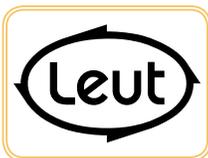
FRESA A 1/4 DI TONDO - PROFILO A RAGGIO
1/4 ROUND CUTTER (PROFILE RADIUS)
FRESA DE 1/4 DE REDONDO (PERFIL DE RAYO)
FRAISES POUR CHANFREINER À 1/4 DE ROND
ФРЕЗА ¼ ОКРУГЛОСТИ - РАДИУСНОЕ ПРОФИЛИРОВАНИЕ



HW



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RAGGIO-R RADIUS-R (mm)
AA	140	15	30/35/40/50	3	5
AB	140	20	30/35/40/50	3	10
AC	140	20	30/35/40/50	3	12
AD	140	25	30/35/40/50	3	15
AE	140	30	30/35/40/50	3	20
AF	140	35	30/35/40/50	3	25
BA	160	45	30/35/40/50	3	30
BB	160	50	30/35/40/50	3	35
CA	180	55	30/35/40/50	3	40
CB	200	65	30/35/40/50	3	50



ART.
640

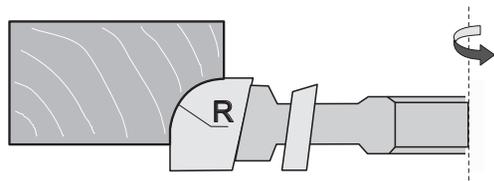
FRESE PER PROFILI MEZZI TONDI - PROFILO A RAGGIO
PROFILE CUTTER FOR HALF ROUND PROFILES
FRESAS PARA PERFILES SEMI-REDONDOS
FRAISES POUR PROFILS MI-RONDS
ФРЕЗЫ ДЛЯ ПОЛУКРУГЛЫХ ПРОФИЛЕЙ - РАДИУСНОЕ ПРОФИЛИРОВАНИЕ

20



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RAGGIO-R RADIUS-R (mm)
AA	140	15	30/35/40/50	3	10
AB	140	20	30/35/40/50	3	15
AC	140	25	30/35/40/50	3	20
AD	140	30	30/35/40/50	3	25
BA	160	35	30/35/40/50	3	30
BB	160	40	30/35/40/50	3	35
CA	180	50	30/35/40/50	3	40
DA	200	55	30/35/40/50	3	45
DB	200	60	30/35/40/50	3	50



1



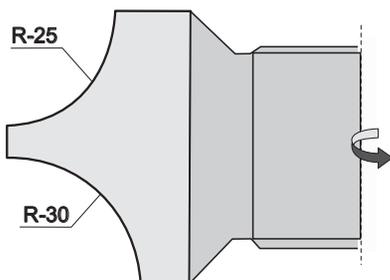
ART.
660

FRESA A 1/4 DI TONDO - PROFILO A RAGGIO
1/4 ROUND CUTTER (PROFILE RADIUS)
RESA DE 1/4 DE REDONDO (PERFIL DE RAYO)
FRAISES POUR CHANFREINER À 1/4 DE ROND
ФРЕЗА ¼ ОКРУГЛОСТИ - РАДИУСНОЕ ПРОФИЛИРОВАНИЕ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RAGGIO-R RADIUS-R (mm)
AA	160	65	30/35/40/50	3	25-30



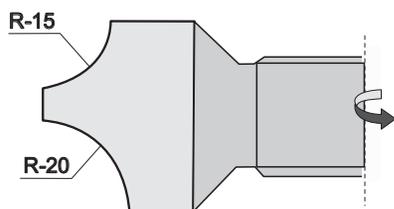
ART.
650

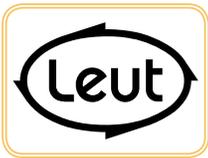
FRESA A 1/4 DI TONDO - PROFILO A RAGGIO
1/4 ROUND CUTTER (PROFILE RADIUS)
FRESA DE 1/4 DE REDONDO (PERFIL DE RAYO)
FRAISES POUR CHANFREINER À 1/4 DE ROND
ФРЕЗА ¼ ОКРУГЛОСТИ - РАДИУСНОЕ ПРОФИЛИРОВАНИЕ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RAGGIO-R RADIUS-R (mm)
AA	140	45	30/35/40/50	3	15-20





ART.
665

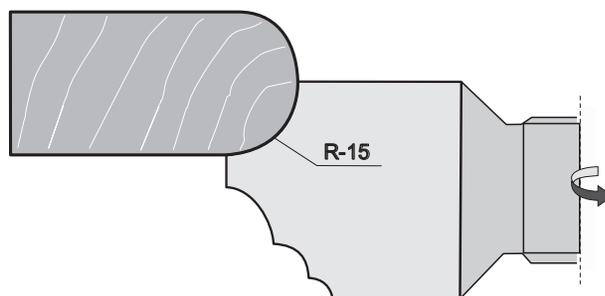
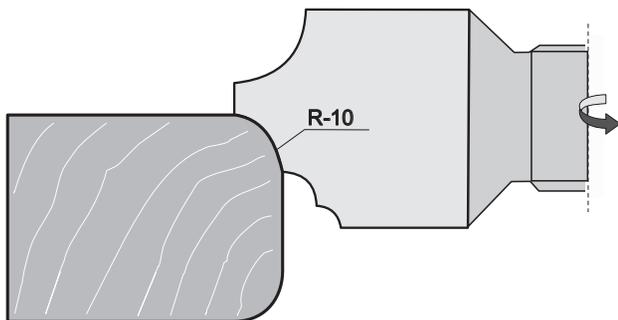
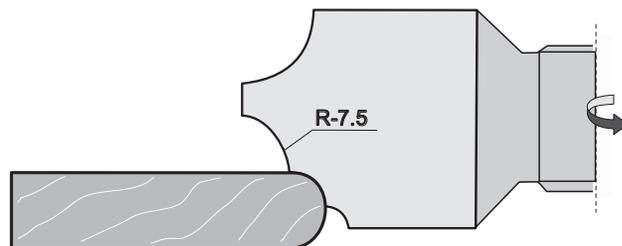
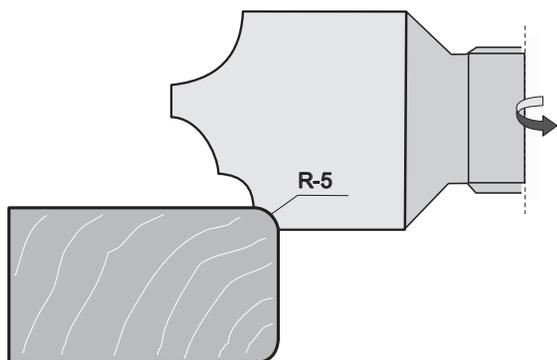
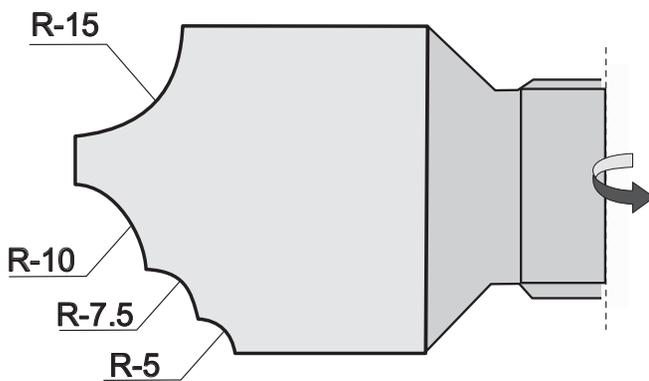
FRESE PER ARROTONDARE
CUTTERS FOR BEADING
FRESAS PARA REDONDEAR
FRAISES POUR ARRONDIR
ФРЕЗА ОКРУГЛЯЮЩАЯ

21

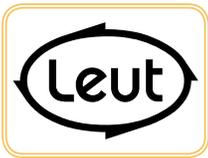


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	140	50	30/35/40/50	2



1



ART.
670

GRUPPO FRESE PER ARROTONDARE
CUTTERS SET FOR BEARDING
GRUPO FRESAS PARA REDONDEAR
JEU DE FRAISES POUR ARRONDIR
СЕРИЯ ОКРУГЛЯЮЩИХ ФРЕЗ

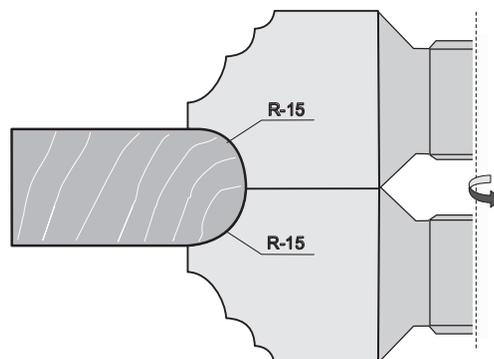
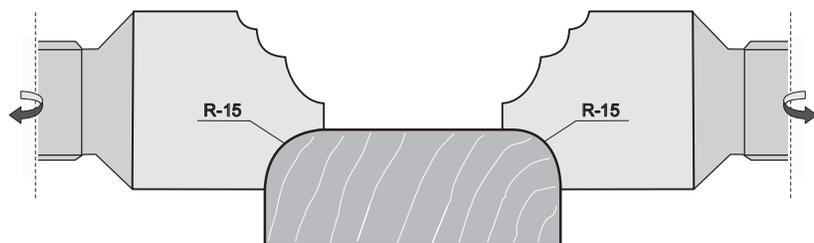
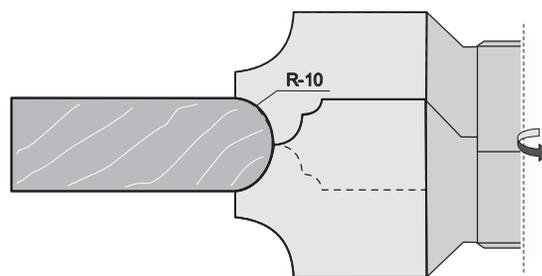
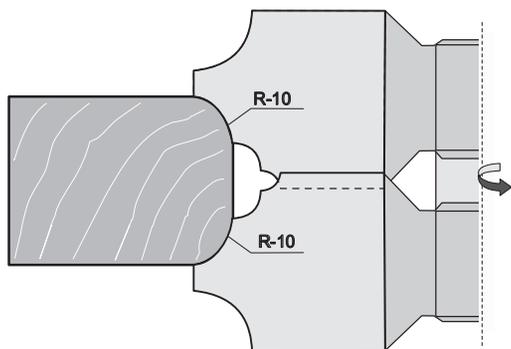
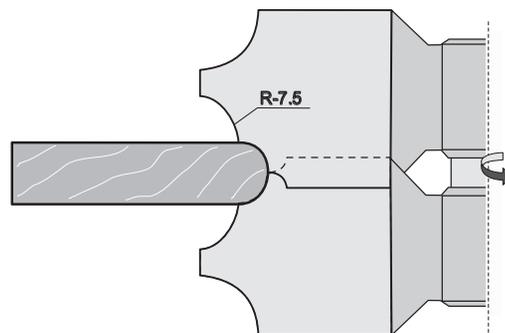
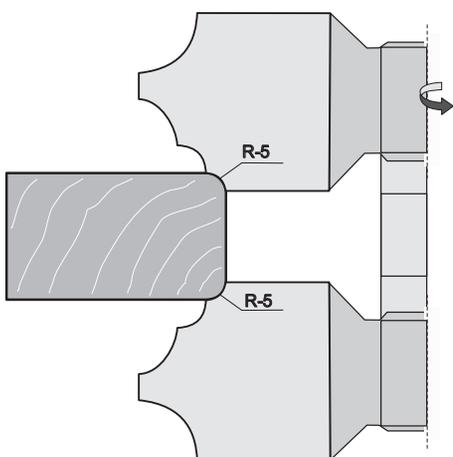
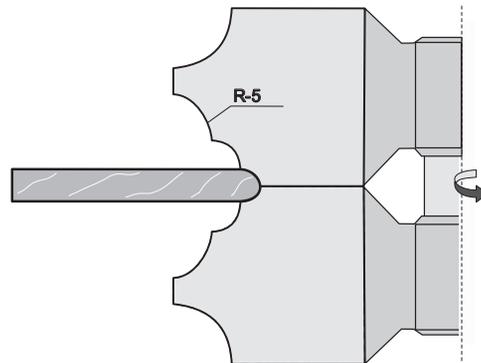
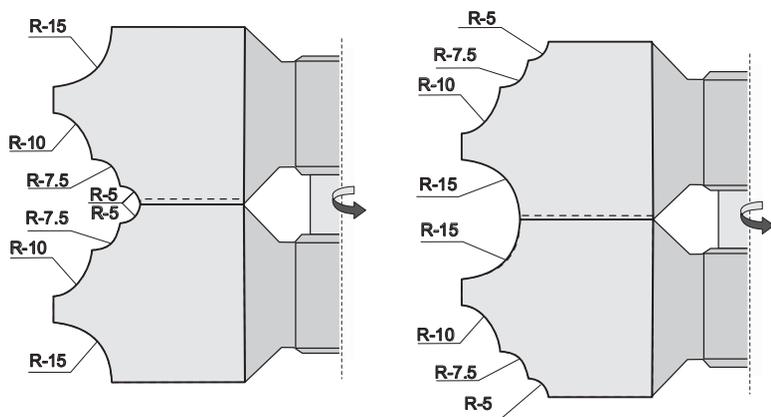
22

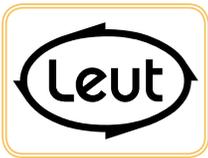


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	160	90	30/35/40/50	2

1





ART.
675

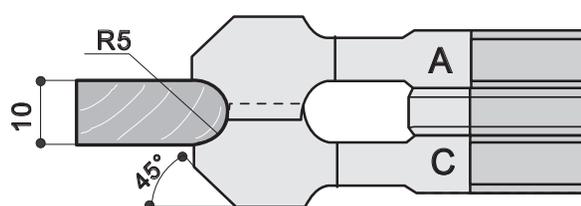
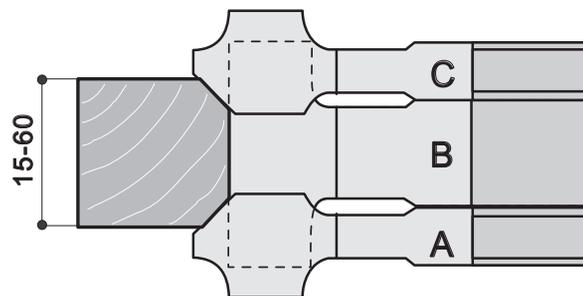
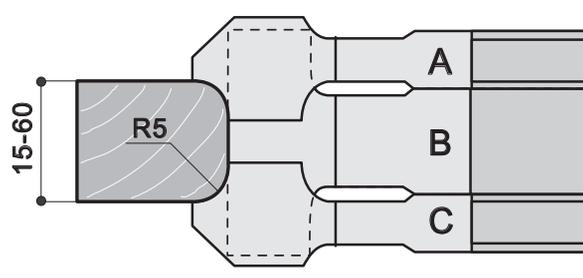
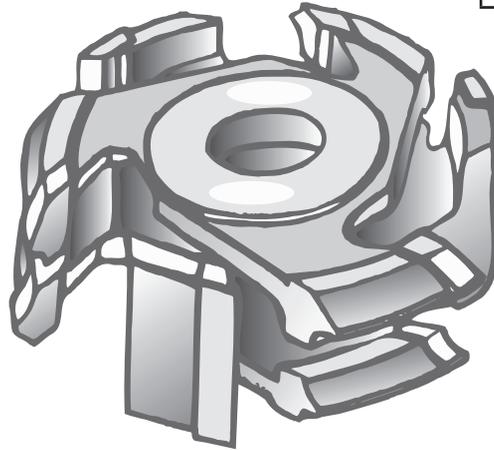
GRUPPO FRESE PER ARROTONDARE E SMUSSARE
CUTTERS SET FOR BEARDING AND CHAMFERING
GRUPO FRESAS PARA REDONDEAR Y CHAFLANAR
JEU DE FRAISES POUR ARRONDIR ET CHANFREINER
СЕРИЯ ФРЕЗ ДЛЯ ОКРУГЛЕНИЯ И ОБРАБОТКИ КРОМОК

23

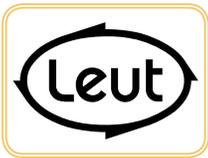


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n39°)
AA	140	80	30/35/40/50	3

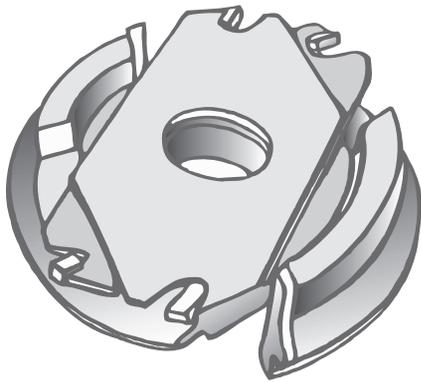


1



ART.
1087

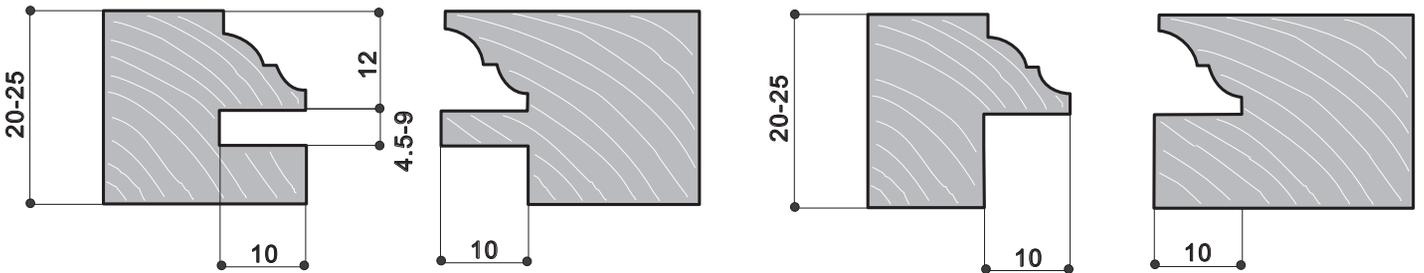
GRUPPO FRESE PER PROFILO E CONTROPROFILO
PROFILE AND COUNTER PROFILE CUTTER
GRUPO DE FRESAS PARA PERFIL Y CONTRAPERFIL
JEU DE FRAISES POUR PROFILS ET CONTRE-PROFILS
СЕРИЯ ФРЕЗ ПРОФИЛЬ И КОНТРПРОФИЛЬ



HW

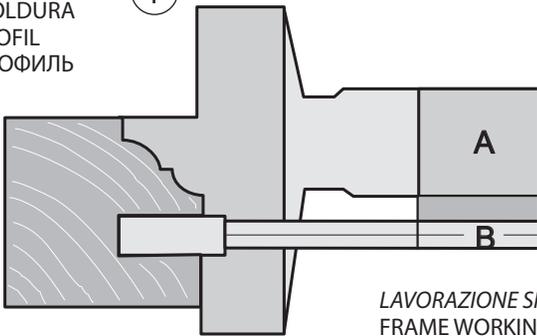
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
A	140	40	30/35/40/50	2
B	140	4,5-9	30/35/40/50	2+2

1



PROFILO
PROFILE
MOLDURA
PROFIL
ПРОФИЛЬ

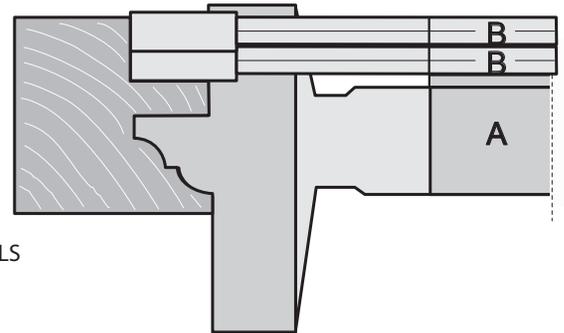
①



LAVORAZIONE SPECCHIO AD INFILARE
 FRAME WORKING FOR INSERTION OF PANELS
 EJECUCION PANEL DE INSERTAR
 PRÉVU POUR L'INSERTION D'UN PANNEAU
 ОБРАБОТКА ВСТАВОК СТВОРКИ

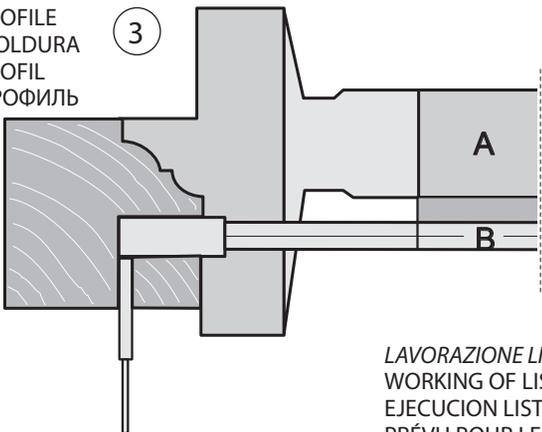
CONTROPROFILO
COUNTER-PROFILE
CONTRA MOLDURA
CONTRE-PROFIL
КОНТРПРОФИЛЬ

②



PROFILO
PROFILE
MOLDURA
PROFIL
ПРОФИЛЬ

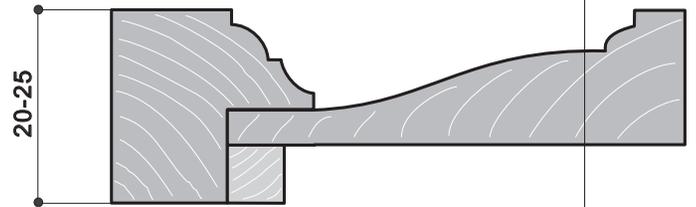
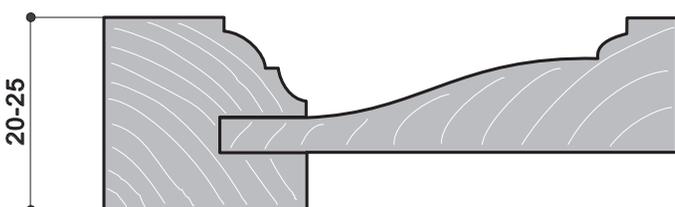
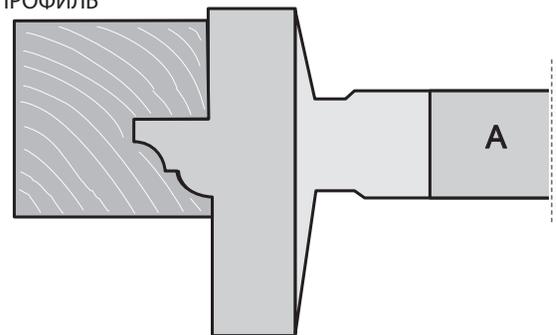
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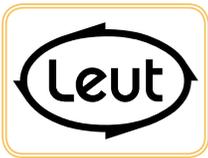


LAVORAZIONE LISTELLO RIPORTATO
 WORKING OF LISTEL INSERT
 EJECUCION LISTON ANADIDO
 PRÉVU POUR LE RAPPORT D'UN LISTEL

CONTROPROFILO
COUNTER-PROFILE
CONTRA MOLDURA
CONTRE-PROFIL
КОНТРПРОФИЛЬ

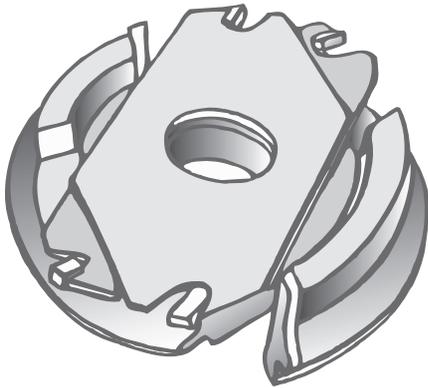
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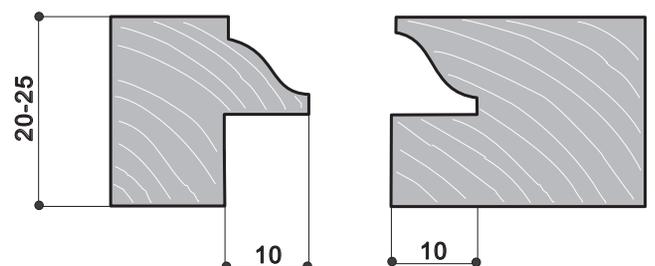
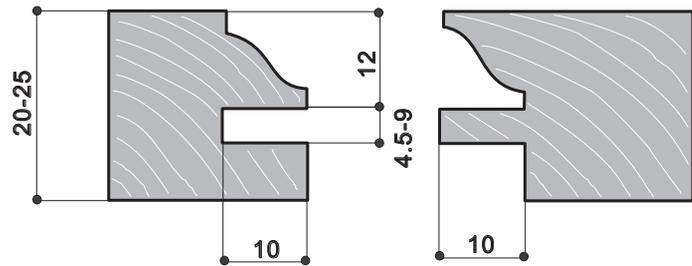
ART.
1063

GRUPPO FRESE PER PROFILO E CONTROPROFILO
PROFILE AND COUNTER PROFILE CUTTER
GRUPO DE FRESAS PARA PERFIL Y CONTRAPERFIL
JEU DE FRAISES POUR PROFILS ET CONTRE-PROFILS
СЕРИЯ ФРЕЗ ПРОФИЛЬ И КОНТРПРОФИЛЬ



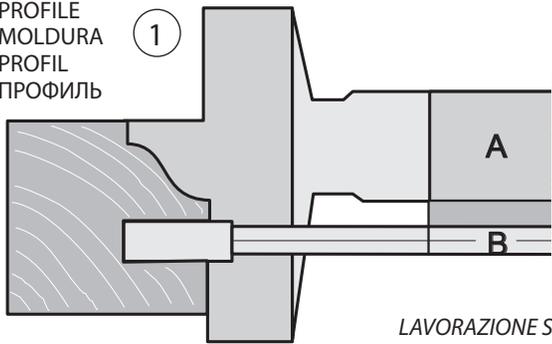
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
A	140	40	30/35/40/50	2
B	140	4,5-9	30/35/40/50	2+2



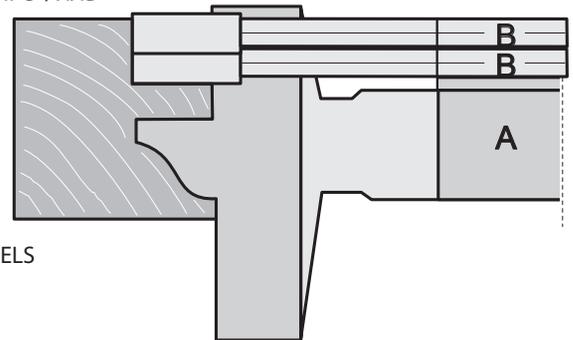
PROFILO
PROFILE
MOLDURA
PROFIL
ПРОФИЛЬ

①



CONTROPROFILO
COUNTER-PROFILE
CONTRA MOLDURA
CONTRE-PROFIL
КОНТРПРОФИЛЬ

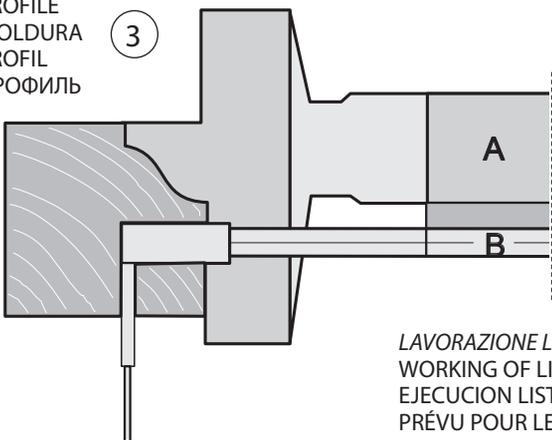
②



LAVORAZIONE SPECCHIO AD INFILARE
FRAME WORKING FOR INSERTION OF PANELS
EJECUCION PANEL DE INSERTAR
PRÉVU POUR L'INSERTION D'UN PANNEAU
ОБРАБОТКА ВСТАВОК СТВОРКИ

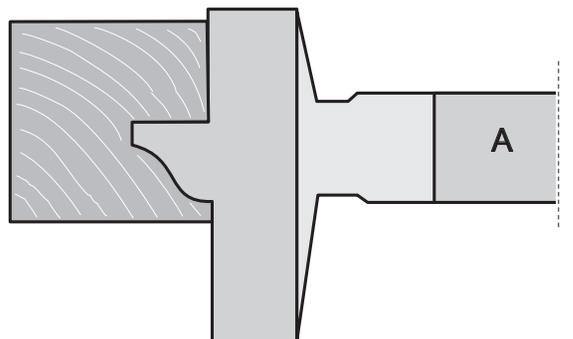
PROFILO
PROFILE
MOLDURA
PROFIL
ПРОФИЛЬ

③

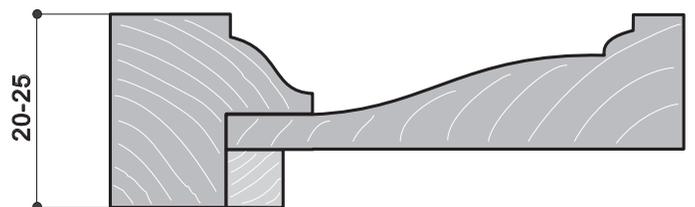
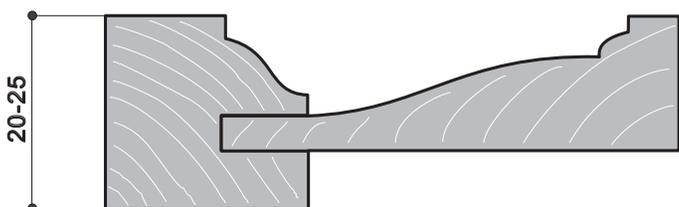


CONTROPROFILO
COUNTER-PROFILE
CONTRA MOLDURA
CONTRE-PROFIL
КОНТРПРОФИЛЬ

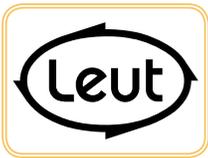
④



LAVORAZIONE LISTELLO RIPORTATO
WORKING OF LISTEL INSERT
EJECUCION LISTON ANADIDO
PRÉVU POUR LE RAPPORT D'UN LISTEL



1



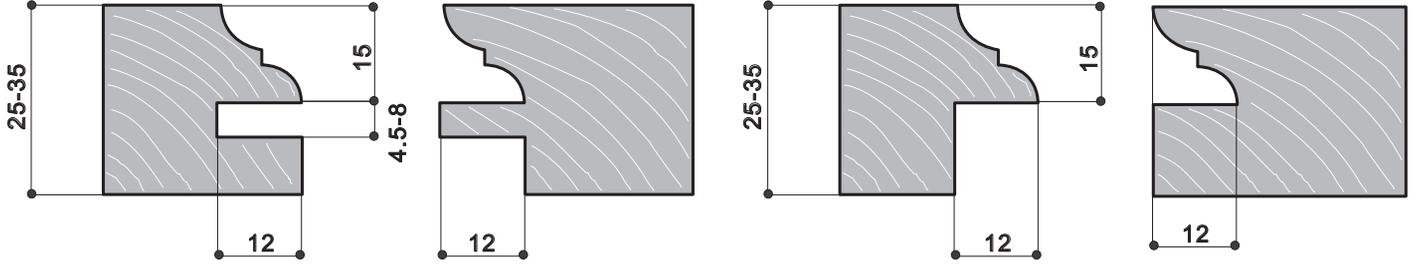
ART.
1091

GRUPPO FRESE PER PROFILO E CONTROPROFILO
PROFILE AND COUNTER PROFILE CUTTER
GRUPO DE FRESAS PARA PERFIL Y CONTRAPERFIL
JEU DE FRAISES POUR PROFILS ET CONTRE-PROFILS
СЕРИЯ ФРЕЗ ПРОФИЛЬ И КОНТРПРОФИЛЬ



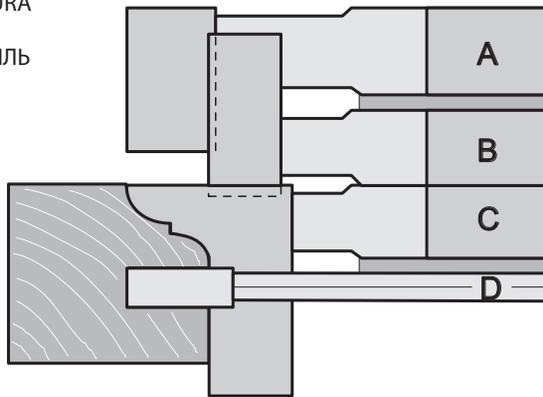
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	140	65	30/35/40/50	2



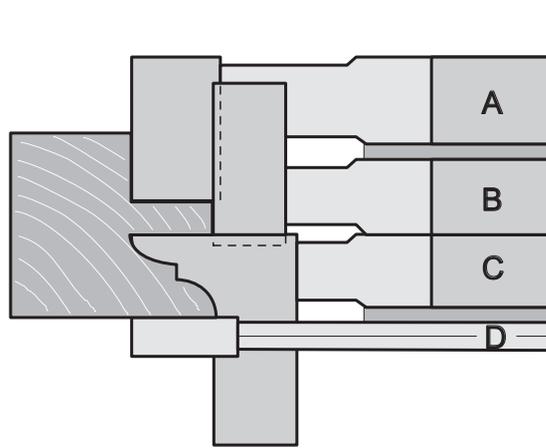
PROFILO
PROFILE
MOLDURA
PROFIL
ПРОФИЛЬ

①



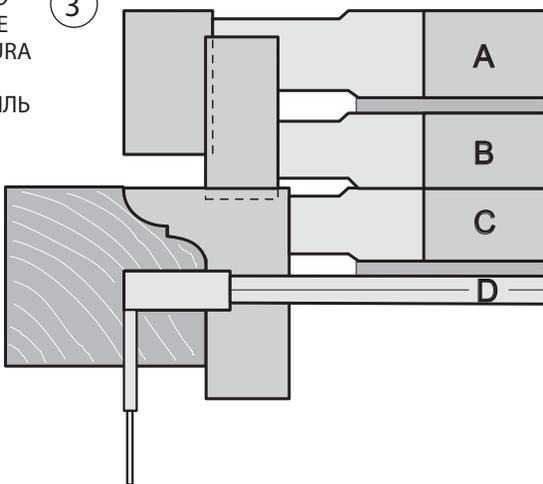
CONTROPROFILO
COUNTER-PROFILE
CONTRA MOLDURA
CONTRE-PROFIL
КОНТРПРОФИЛЬ

②



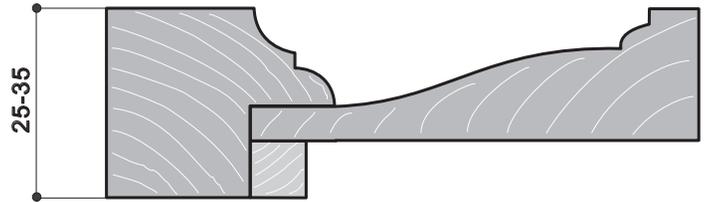
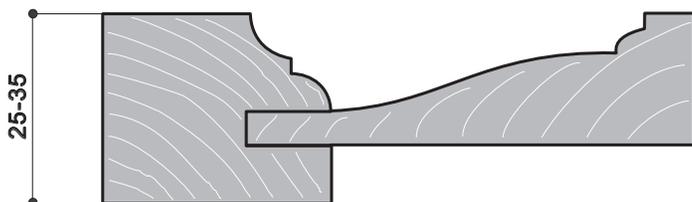
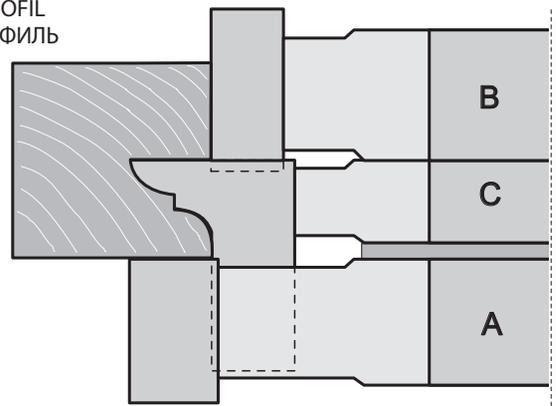
PROFILO
PROFILE
MOLDURA
PROFIL
ПРОФИЛЬ

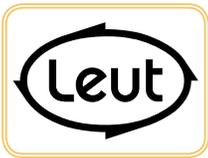
③



CONTROPROFILO
COUNTER-PROFILE
CONTRA MOLDURA
CONTRE-PROFIL
КОНТРПРОФИЛЬ

④





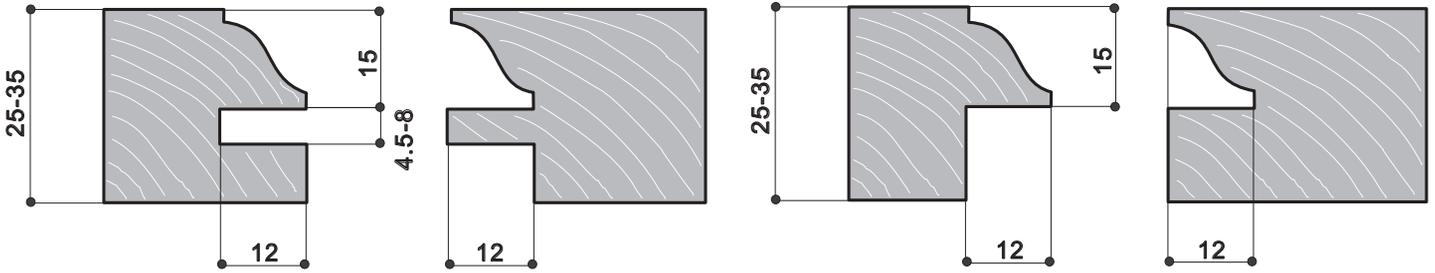
ART.
1075

GRUPPO FRESE PER PROFILO E CONTROPROFILO
PROFILE AND COUNTER PROFILE CUTTER
GRUPO DE FRESAS PARA PERFIL Y CONTRAPERFIL
JEU DE FRAISES POUR PROFILS ET CONTRE-PROFILS
СЕРИЯ ФРЕЗ ПРОФИЛЬ И КОНТРПРОФИЛЬ



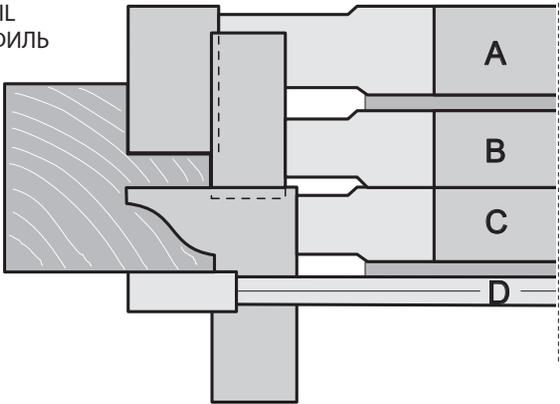
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	140	65	30/35/40/50	2



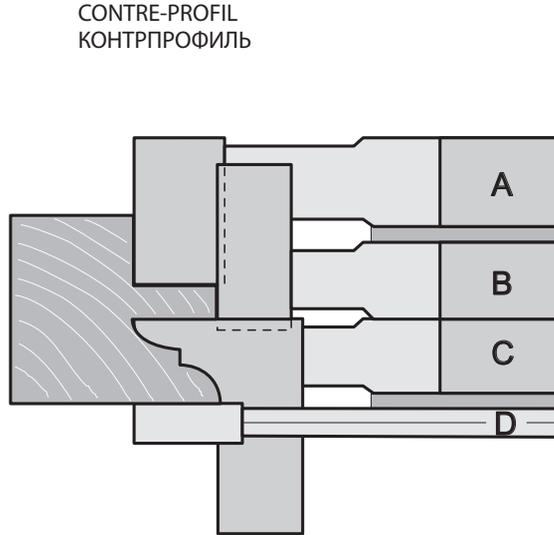
PROFILO
PROFILE
MOLDURA
PROFIL
ПРОФИЛЬ

①



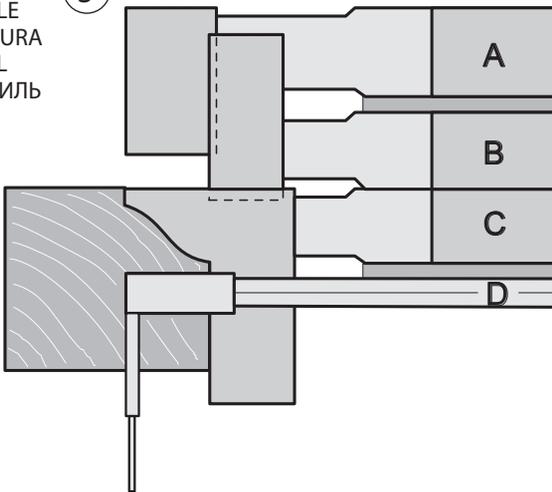
CONTROPROFILO
COUNTER-PROFILE
CONTRA MOLDURA
CONTRE-PROFIL
КОНТРПРОФИЛЬ

②



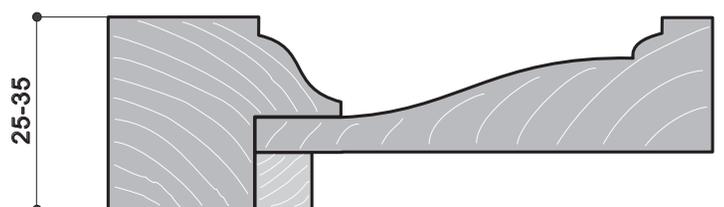
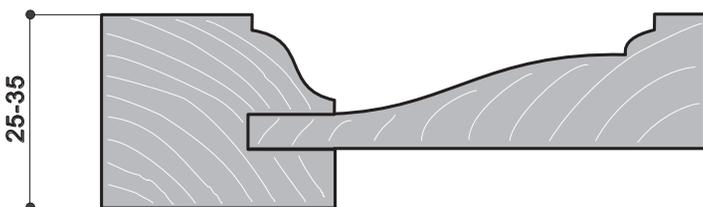
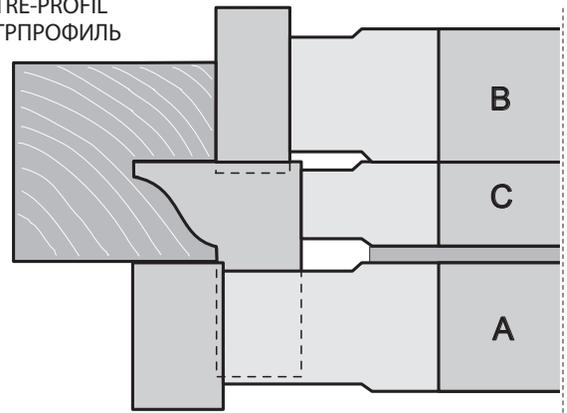
PROFILO
PROFILE
MOLDURA
PROFIL
ПРОФИЛЬ

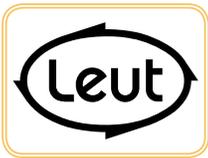
③



CONTROPROFILO
COUNTER-PROFILE
CONTRA MOLDURA
CONTRE-PROFIL
КОНТРПРОФИЛЬ

④





ART.
2000

GRUPPO FRESE PER PROFILO E CONTROPROFILO
PROFILE AND COUNTER PROFILE CUTTER
GRUPO DE FRESAS PARA PERFIL Y CONTRAPERFIL
JEU DE FRAISES POUR PROFILS ET CONTRE-PROFILS
СЕРИЯ ФРЕЗ ПРОФИЛЬ И КОНТРПРОФИЛЬ ДЛЯ ДВЕРЕЙ

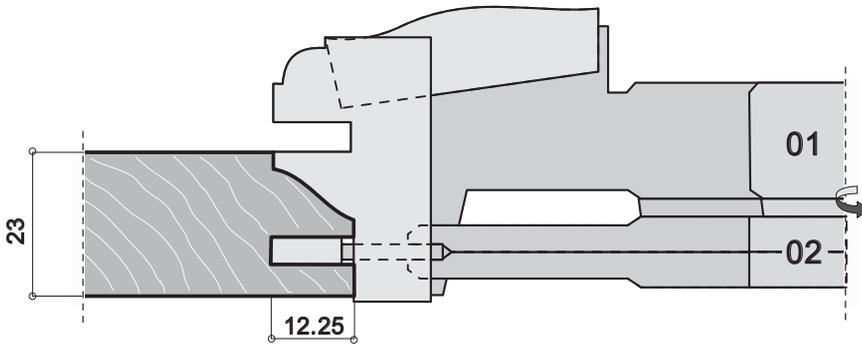
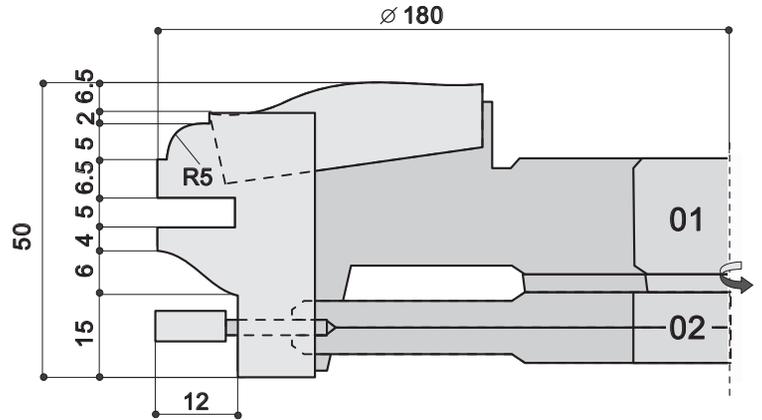
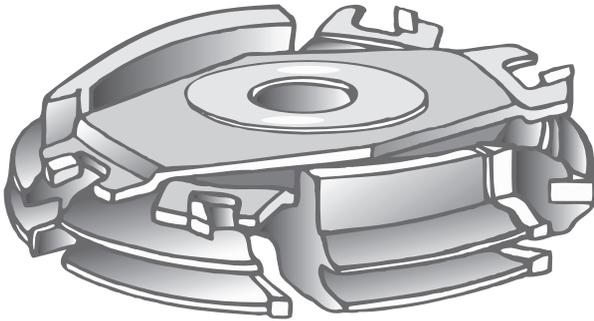
28



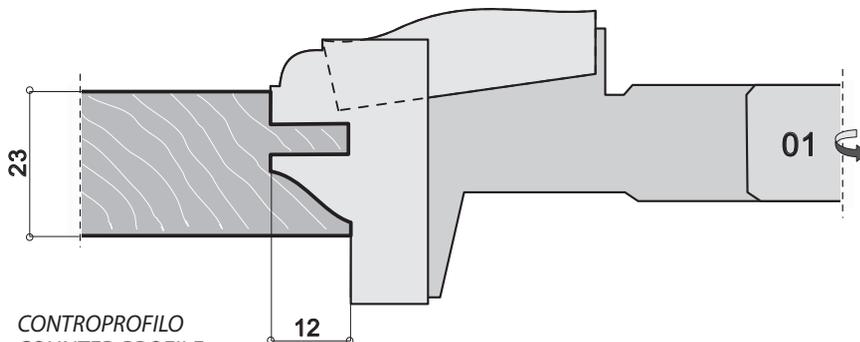
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	180	50	30/35/40/50	2+2

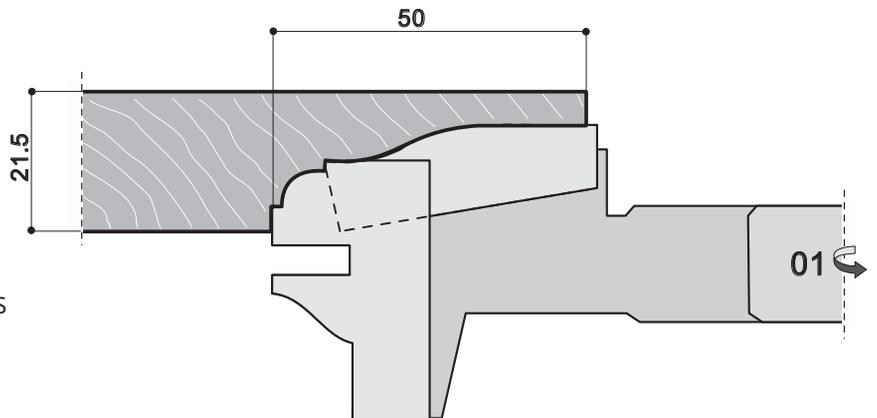
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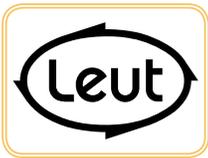
PROFILO
PROFILE
MOLDURA
PROFIL
ПРОФИЛЬ



CONTROPROFILO
COUNTER-PROFILE
CONTRA MOLDURA
CONTRE-PROFIL
КОНТРПРОФИЛЬ



LAVORAZIONE SPECCHIO AD INFILARE
FRAME WORKING FOR INSERTION OF PANELS
EJECUCION PANEL DE INSERTAR
PRÉVU POUR L'INSERTION D'UN PANNEAU
ОБРАБОТКА ВСТАВОК СТВОРКИ



ART.
719

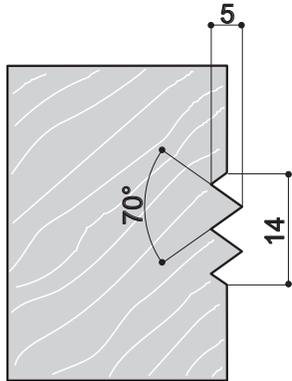
FRESE PER GIUNZIONI
JOINTING CUTTERS
FRESAS PARA ENSAMBLADURAS
FRAISES POUR L'ASSEMBLAGE
ФРЕЗЫ ДЛЯ СРАЩИВАНИЯ

29

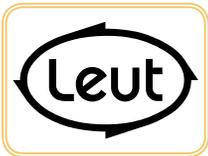


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	140	50	30/35/40/50	3



1



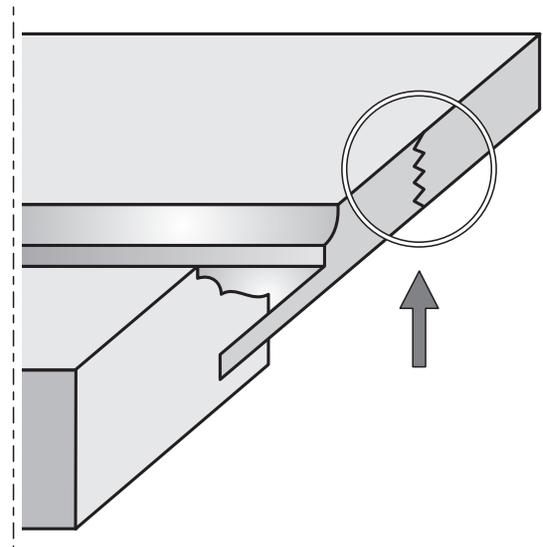
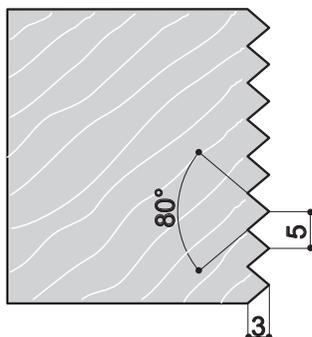
ART.
735

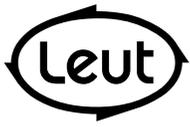
FRESE PER GIUNZIONI LUNGO VENA SU LEGNI MASSICCI
CUTTER FOR JOINT WITH THE GRAIN JOINTS IN SOLID WOOD
FRESAS PARA ENSAMBLADURAS A LO LARGO DE VENA EN MADERAS SOLIDAS
FRAISES POUR L'ASSEMBLAGE DANS LE SENS DES FIBRES SUR BOIS MASSIF
ФРЕЗЫ ДЛЯ ПРОДОЛЬНОГО СРАЩИВАНИЯ ТВЕРДОЙ ДРЕВЕСИНЫ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
BF	140	60	30/35/40/50	2
BG	140	80	30/35/40/50	2

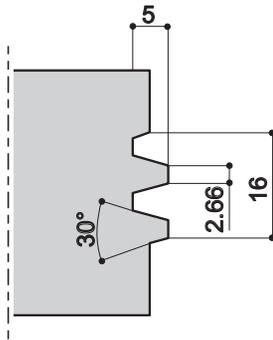




ART.
711

FRESE PER GIUNZIONI
JOINTING CUTTERS
FRESAS PARA ENSAMBLADURAS
FRAISES POUR L'ASSEMBLAGE
ФРЕЗЫ ДЛЯ СРАЩИВАНИЯ

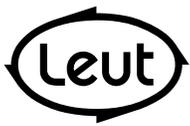
30



HW

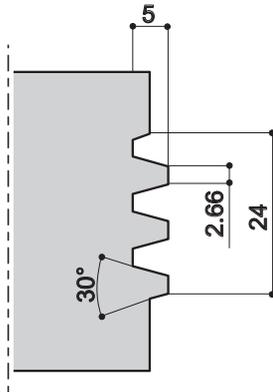
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	140	50	30/35/40/50	3

1



ART.
791

FRESE PER GIUNZIONI
JOINTING CUTTERS
FRESAS PARA ENSAMBLADURAS
FRAISES POUR L'ASSEMBLAGE
ФРЕЗЫ ДЛЯ СРАЩИВАНИЯ



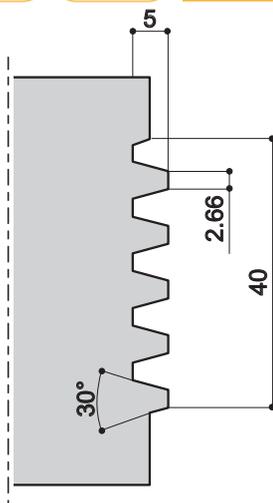
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	140	60	30/35/40/50	3



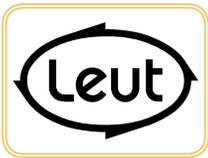
ART.
703

FRESE PER GIUNZIONI
JOINTING CUTTERS
FRESAS PARA ENSAMBLADURAS
FRAISES POUR L'ASSEMBLAGE
ФРЕЗЫ ДЛЯ СРАЩИВАНИЯ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	140	80	30/35/40/50	3



ART.
779

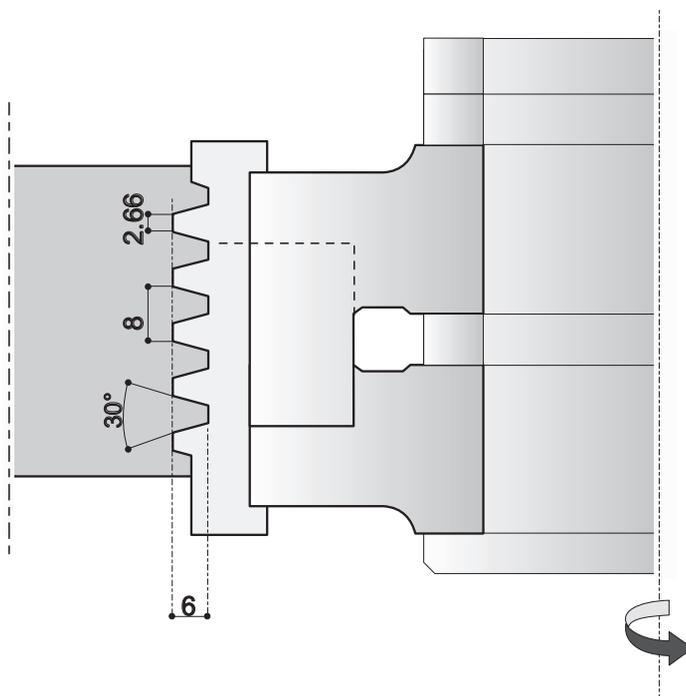
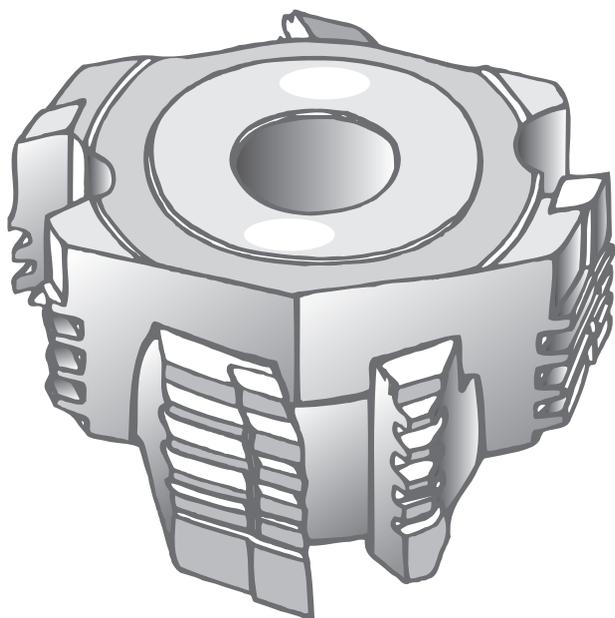
GRUPPO FRESE PER GIUNZIONI REGISTRABILI
ADJUSTABLE JOINTING CUTTER SET
GRUPO DE FRESAS AJUSTABLES PARA ENSAMBLADURAS
JEU DE FRAISES POUR ASSEMBLAGES EXTENSIBLES
СЕРИЯ ФРЕЗ ДЛЯ РЕГУЛИРУЕМЫХ СРАЩИВАНИЙ

31

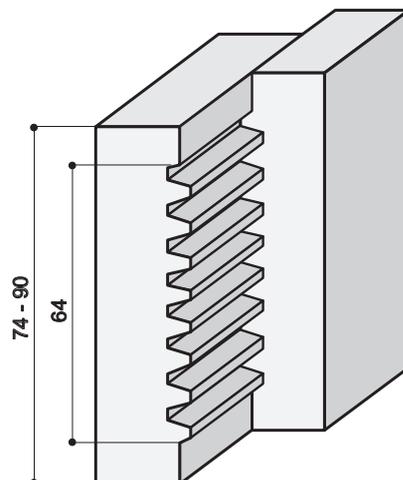
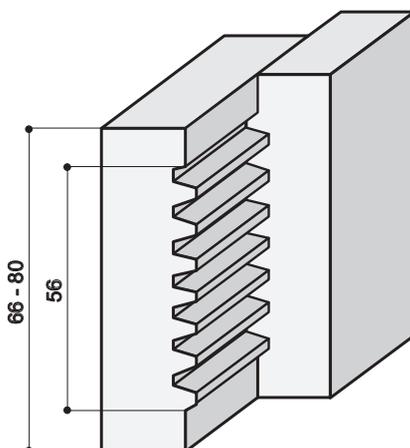
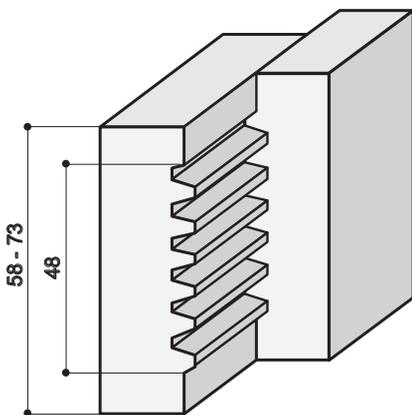
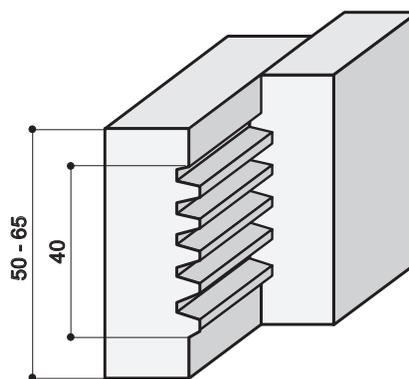
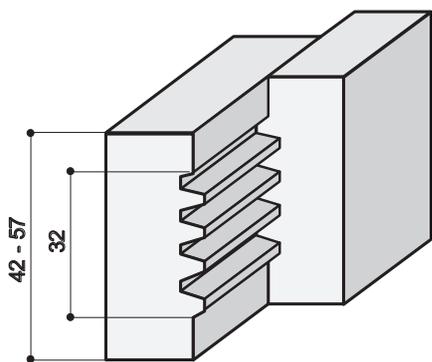


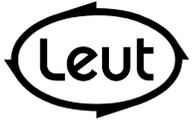
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	140	95	30/35/40/50	2



1





ART.
720

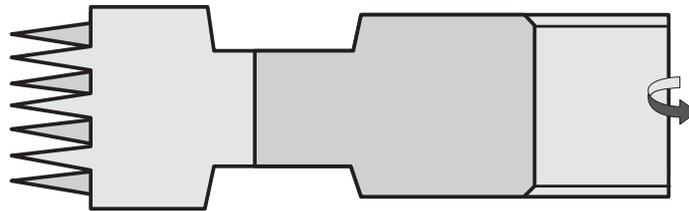
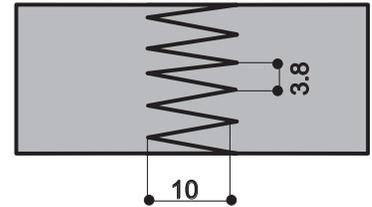
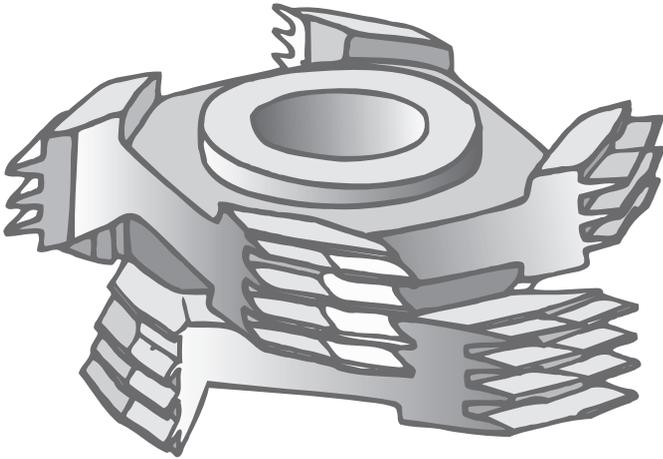
FRESE PER MINI INCASTRI
MILLING CUTTER FOR MINI-GROOVES
FRESA PARA UNIENSAMBLES
FRAISES POUR MINI-EMBOÛTEMENTS
ФРЕЗЫ ДЛЯ МИНИ-ПАЗОВ

32



HSS

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	160	28,6	30/35/40/50	4
AB	160	32,4	30/35/40/50	4



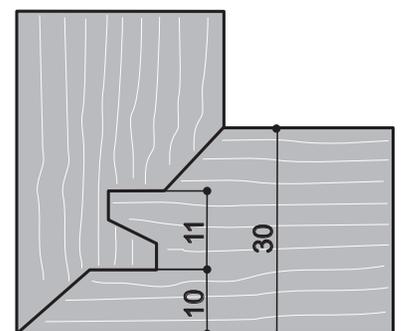
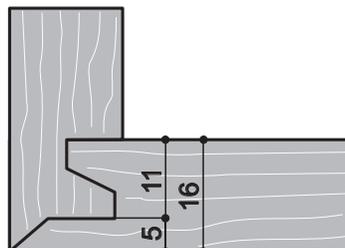
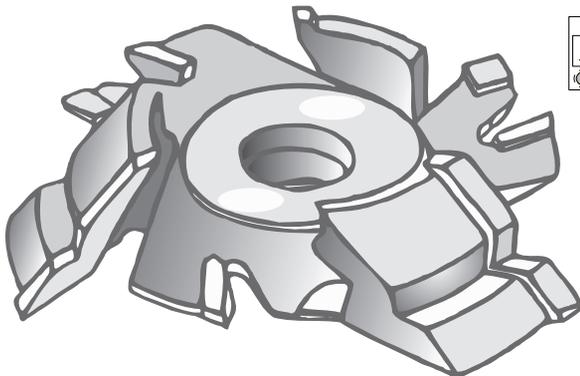
ART.
767

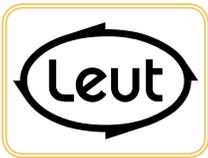
GRUPPO FRESE PER GIUNZIONI A 45°
CUTTER GROUPE FOR 45° JOINTS
GRUPO FRESAS PARA JUNTAS DE 45°
JEU DE FRAISES POUR ASSEMBLAGES À 45°
СЕРИЯ ФРЕЗ ДЛЯ СРАЩИВАНИЙ ПОД 45°



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
BA	180	35	30/35/40/50	3





ART.
725

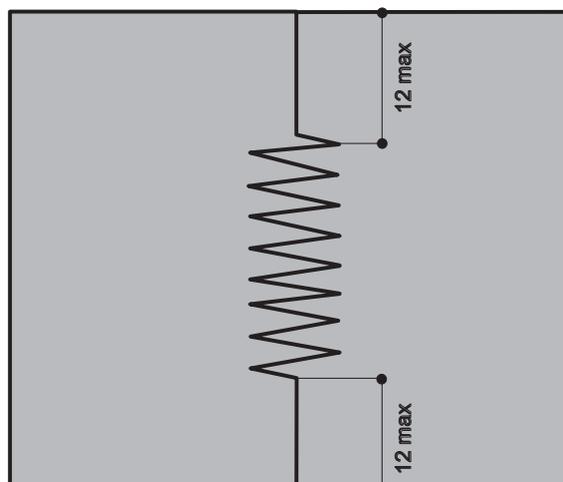
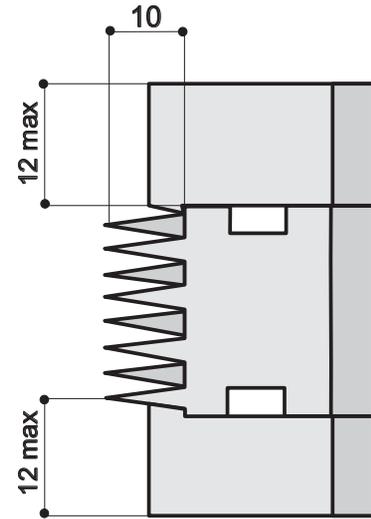
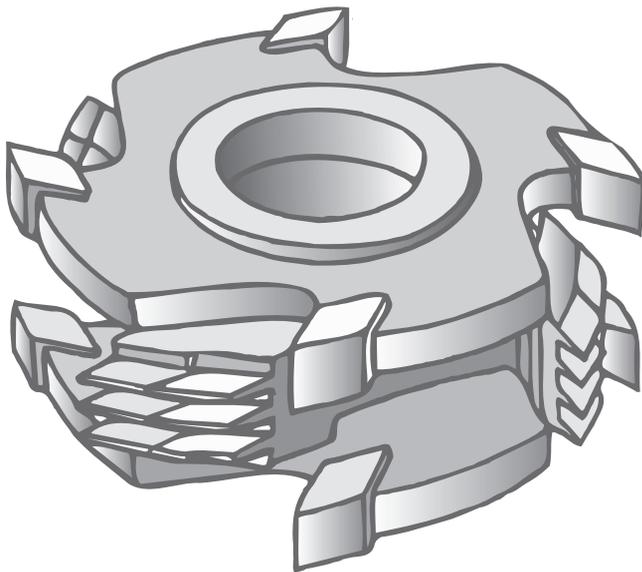
FRESE LATERALI PER MINI INCASTRI
SIDE MILLING CUTTER FOR MINI-GROOVES
FRESA LATERAL PARA UNIENSAMBLES
FRAISES LATÉRALES POUR MINI-EMBOÎTEMENTS
ФРЕЗЫ ДЛЯ БОКОВЫХ МИНИ-ПАЗОВ

33

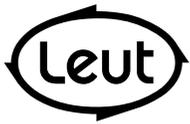


HSS

CODICE CODE	POSIZIONE POSITION	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	1	150	15	30/35/40/50	4
AB	2	150	15	30/35/40/50	4



1

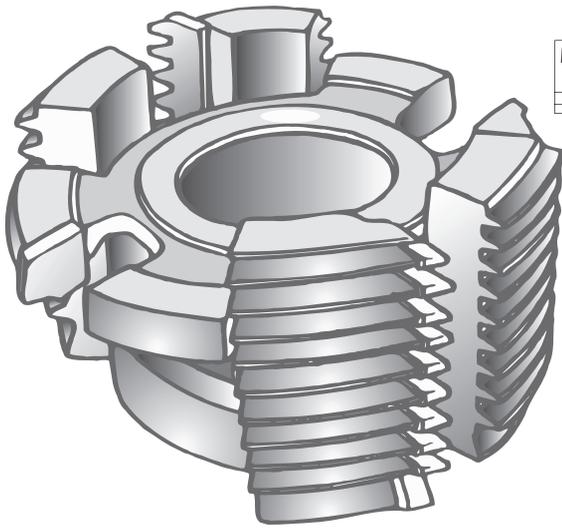


ART.
783

GRUPPO FRESE PER GIUNZIONI REGISTRABILI
ADJUSTABLE JOINTING CUTTER SET
GRUPO FRESAS AJUSTABLES PARA ENSAMBLADURAS
JEU DE FRAISES POUR ASSEMBLAGES EXTENSIBLES
СЕРИЯ ФРЕЗ РЕГУЛИРУЕМЫХ СРАЩИВАНИЙ

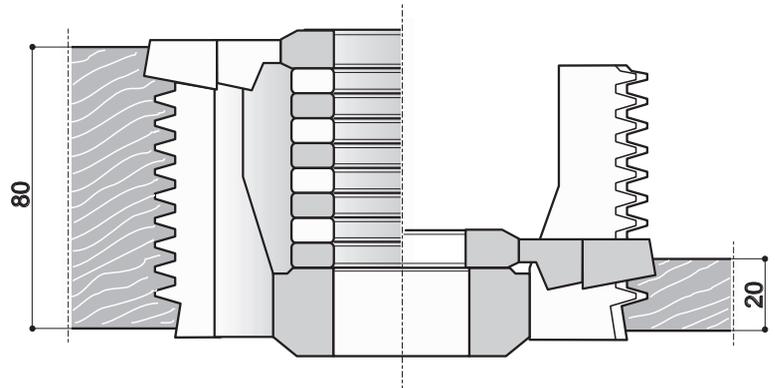
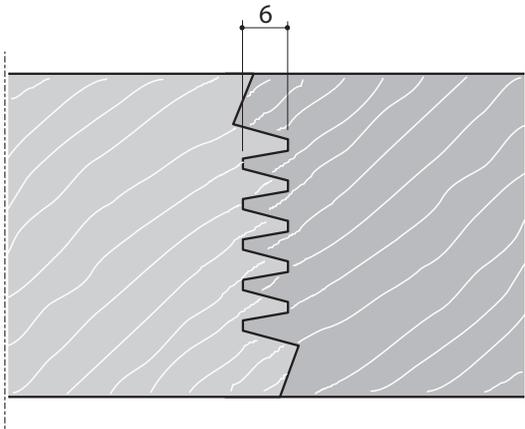
34

1



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	140	20-80	30/35/40/50	2



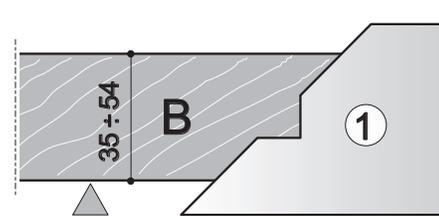
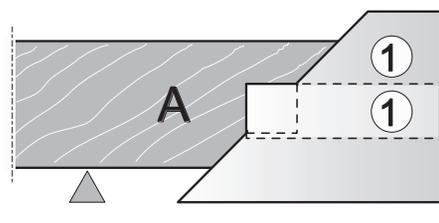
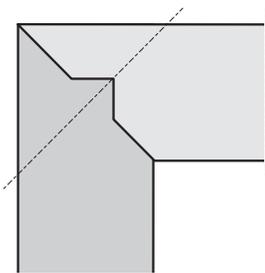
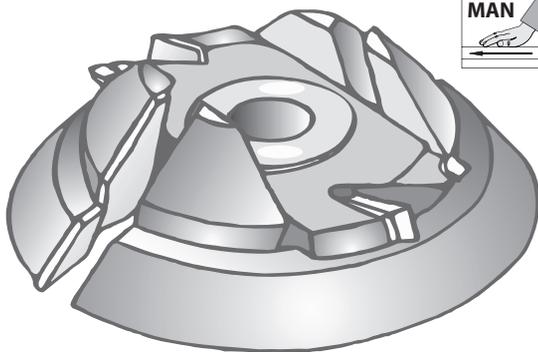
ART.
731

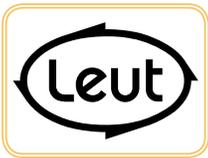
GRUPPO FRESE PER GIUNZIONI A 45° DI CASSE PER PORTE
CUTTER SET FOR 45° JOINTS FOR DOORS
GRUPO FRESAS PARA ENSAMBLADURAS DE 45° DE CERCOS PARA PUERTAS
JEU DE FRAISES POUR ASSEMBLAGES À 45° POUR CHÂSSIS DE PORTES
СЕРИЯ ФРЕЗ ДЛЯ СРАЩИВАНИЯ ДВЕРНОЙ КОРОБКИ ПОД 45°



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	240	65	30/35/40/50	2	2

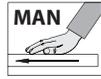




ART.
715

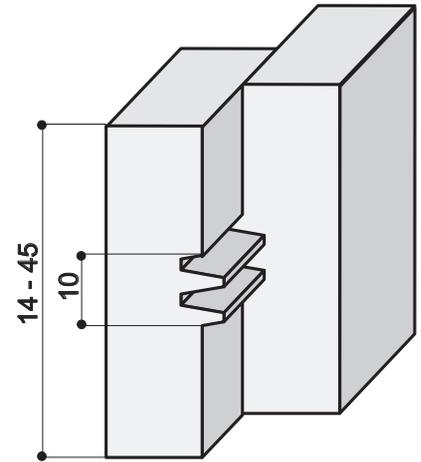
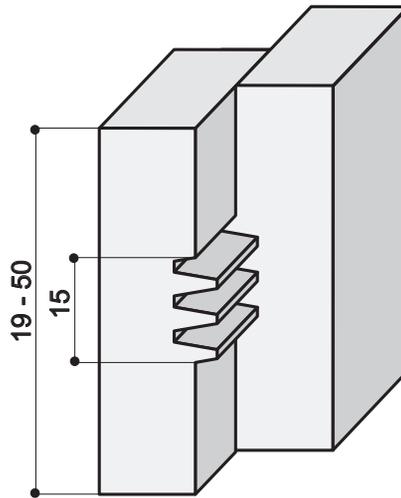
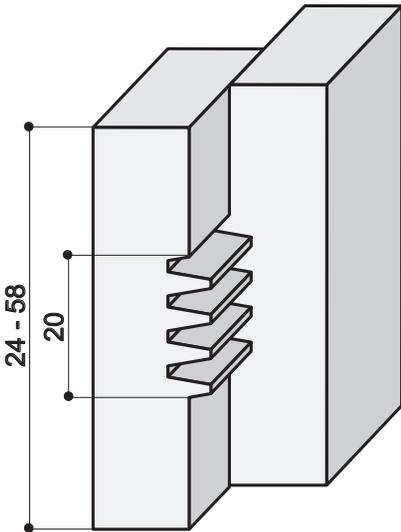
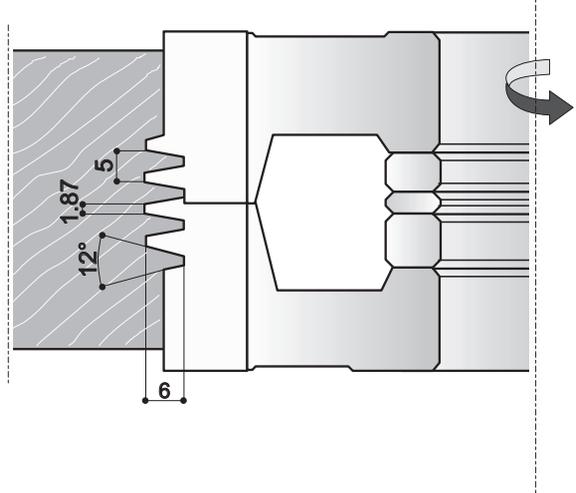
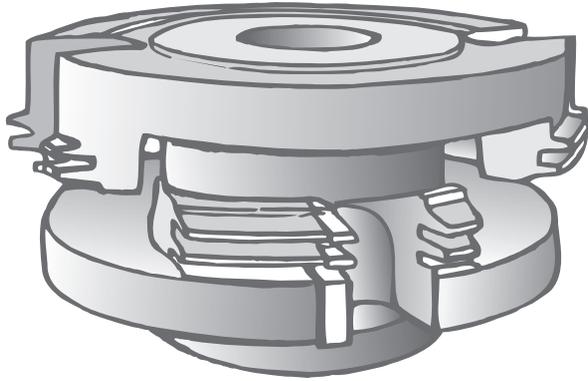
GRUPPO FRESE PER GIUNZIONI REGISTRABILI
ADJUSTABLE JOINTING CUTTER SET
GRUPO FRESAS AJUSTABLES PARA ENSAMBLADURAS
JEU DE FRAISES POUR ASSEMBLAGES EXTENSIBLES
СЕРИЯ ФРЕЗ РЕГУЛИРУЕМЫХ СРАЩИВАНИЙ

35

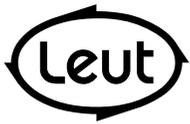


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	140	65	30/35/40/50	2



1



ART.
1035

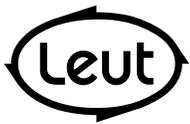
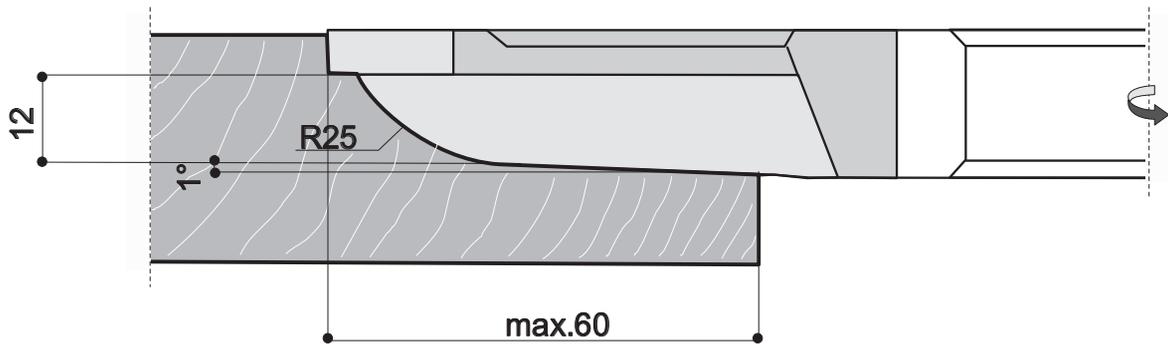
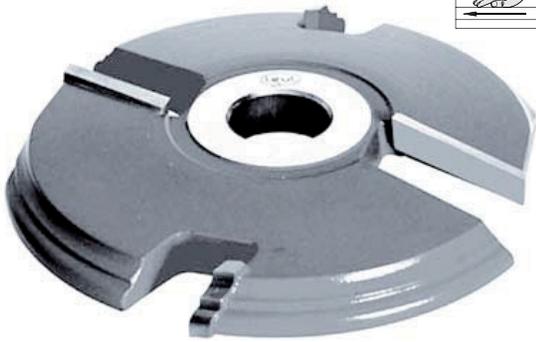
FRESE PER PIATTABANDE PER SPECCHIETTI
CUTTER FOR PLATEBANDS AND SMALL PANELS
FRESAS PARA PLATABANDAS PARA PEQUEÑOS PANELES
FRAISES POUR PLATES-BANDES POUR PETITS PANNEAUX
ФРЕЗЫ ДЛЯ ИЗГОТОВЛЕНИЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ

36



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	200	20	30/35/40/50	2	2



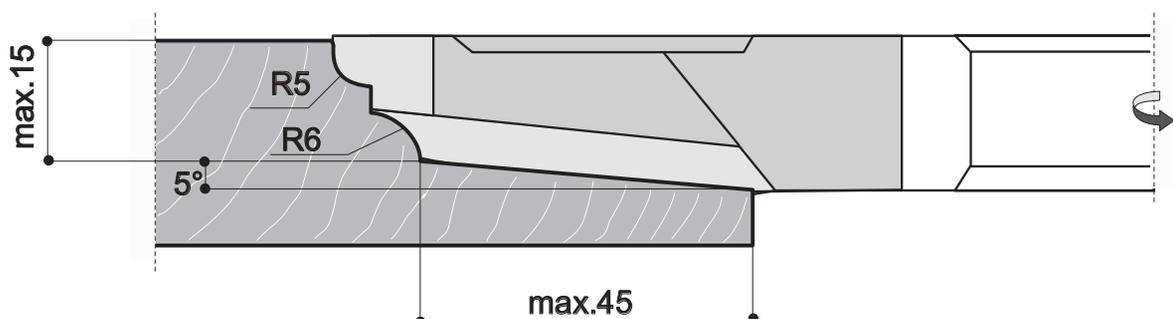
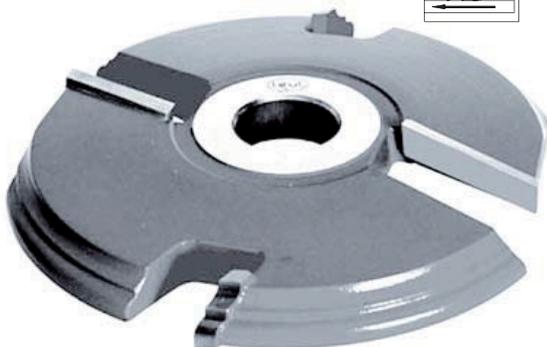
ART.
1027

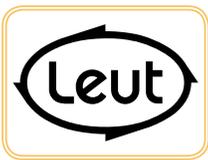
FRESE PER PIATTABANDE PER SPECCHIETTI
CUTTER FOR PLATEBANDS AND SMALL PANELS
FRESAS PARA PLATABANDAS PARA PEQUEÑOS PANELES
FRAISES POUR PLATES-BANDES POUR PETITS PANNEAUX
ФРЕЗЫ ДЛЯ ИЗГОТОВЛЕНИЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	200	20	30/35/40/50	2	2





ART.
1019

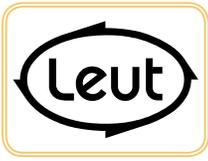
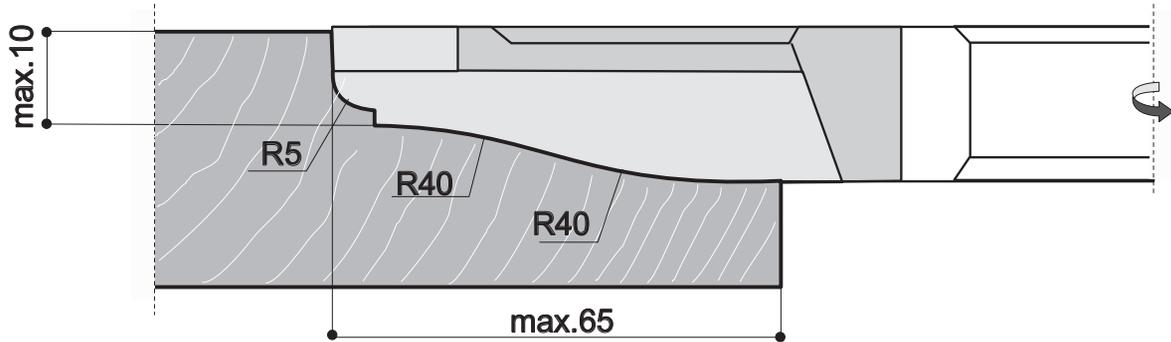
FRESE PER PIATTABANDE PER SPECCHIETTI
CUTTER FOR PLATEBANDS AND SMALL PANELS
FRESAS PARA PLATABANDAS PARA PEQUEÑOS PANELES
FRAISES POUR PLATES-BANDES POUR PETITS PANNEAUX
ФРЕЗЫ ДЛЯ ИЗГОТОВЛЕНИЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ

37



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	200	20	30/35/40/50	2	2



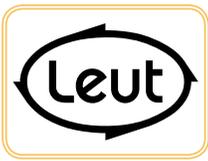
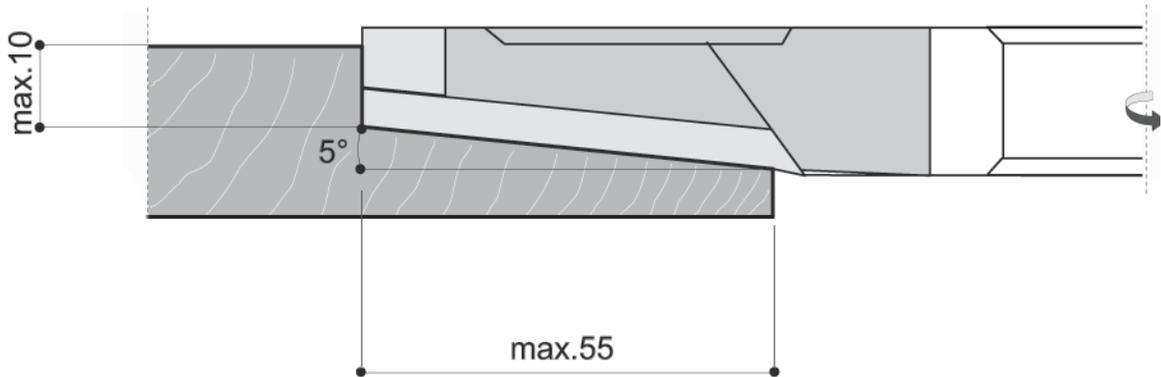
ART.
1011

FRESE PER PIATTABANDE PER SPECCHIETTI
CUTTER FOR PLATEBANDS AND SMALL PANELS
FRESAS PARA PLATABANDAS PARA PEQUEÑOS PANELES
FRAISES POUR PLATES-BANDES POUR PETITS PANNEAUX
ФРЕЗЫ ДЛЯ ИЗГОТОВЛЕНИЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	200	20	30/35/40/50	2	2



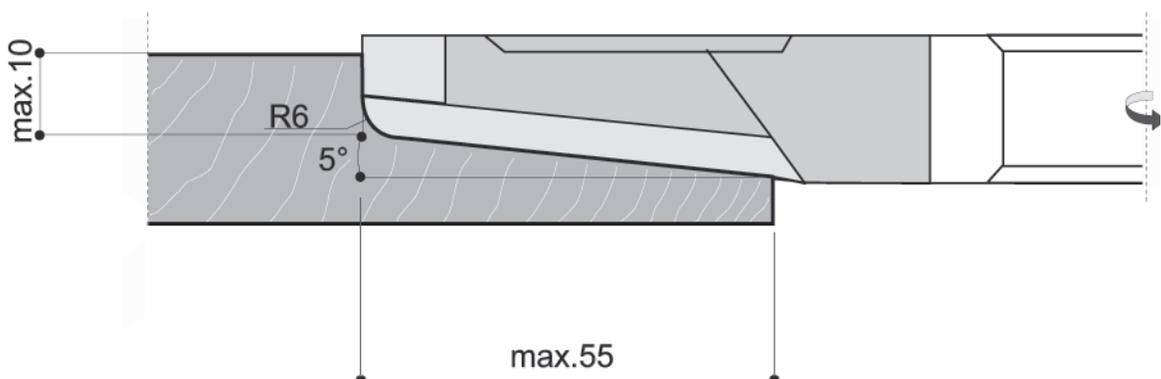
ART.
1015

FRESE PER PIATTABANDE PER SPECCHIETTI
CUTTER FOR PLATEBANDS AND SMALL PANELS
FRESAS PARA PLATABANDAS PARA PEQUEÑOS PANELES
FRAISES POUR PLATES-BANDES POUR PETITS PANNEAUX
ФРЕЗЫ ДЛЯ ИЗГОТОВЛЕНИЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ

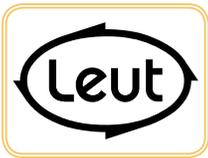


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	200	20	30/35/40/50	2	2



1



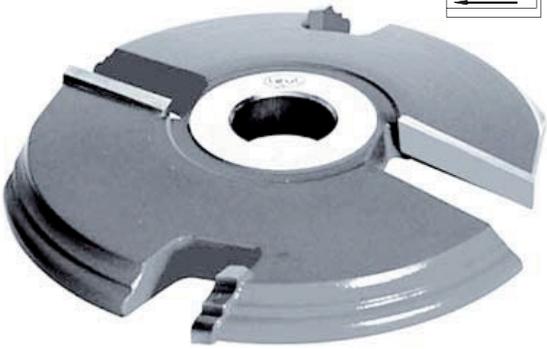
ART.
1093

FRESE PER PIATTABANDE
CUTTER FOR PLATEBANDS
FRESAS PARA PLATABANDAS
FRAISES POUR PLATES-BANDES
ФРЕЗЫ ДЛЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ

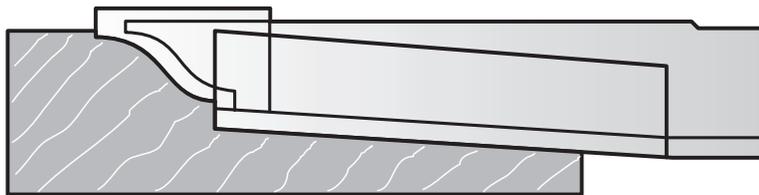
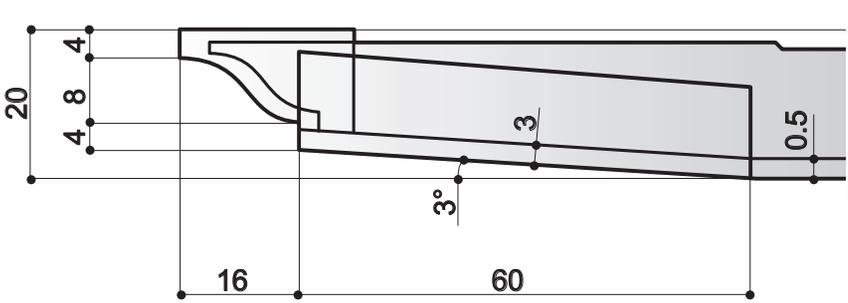


HW

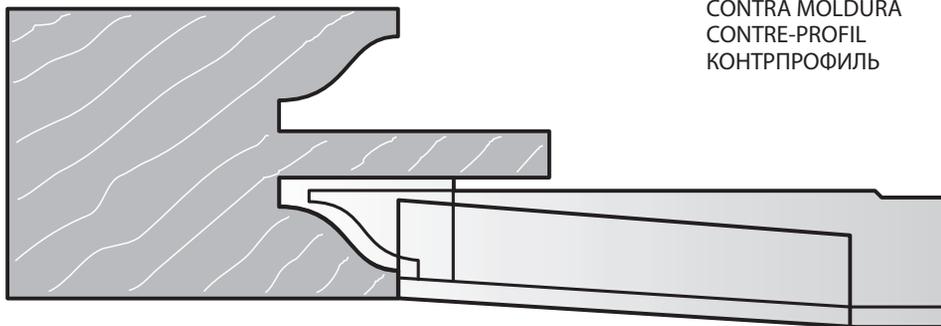
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	260	20	30/35/40/50	2	2



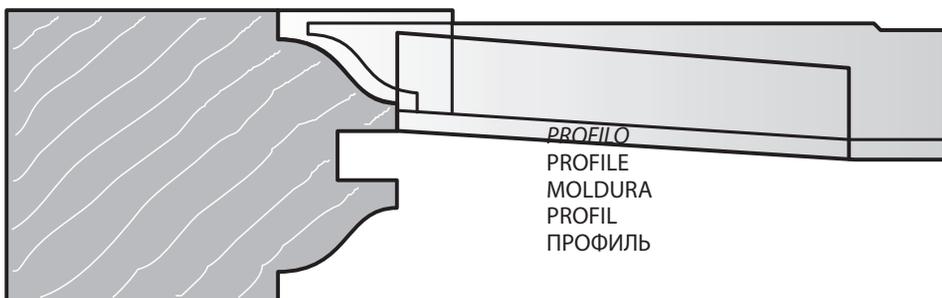
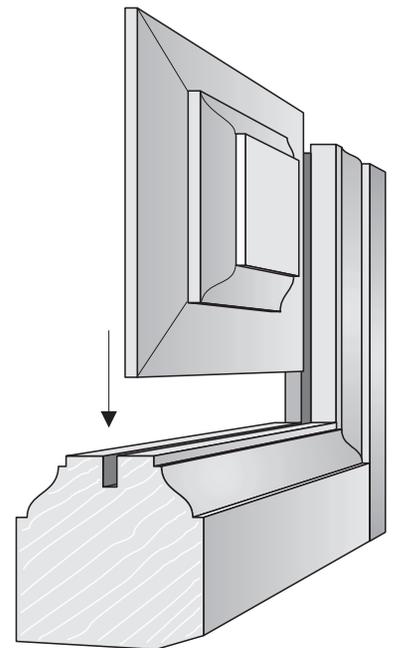
PROGRAMMA PER PORTE E PORTONCINI
PROGRAM FOR DOORS AND SMALL DOORS
PROGRAMA PARA PUERTAS Y PEQUEÑOS PORTONES
PROGRAMME POUR PORTES ET PETITS PORTAILS
ПРОГРАММА ДЛЯ ДВЕРЕЙ И ДВЕРЦ



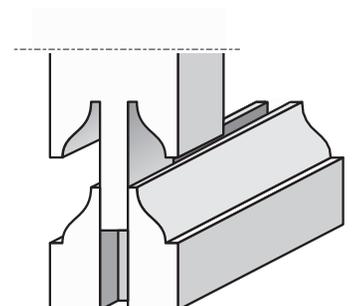
PROFILO
PROFILE
MOLDURA
PROFIL
ПРОФИЛЬ

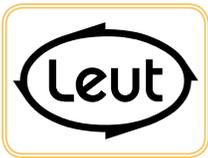


CONTROPROFILO
COUNTER-PROFILE
CONTRA MOLDURA
CONTRE-PROFIL
КОНТРПРОФИЛЬ



PROFILO
PROFILE
MOLDURA
PROFIL
ПРОФИЛЬ





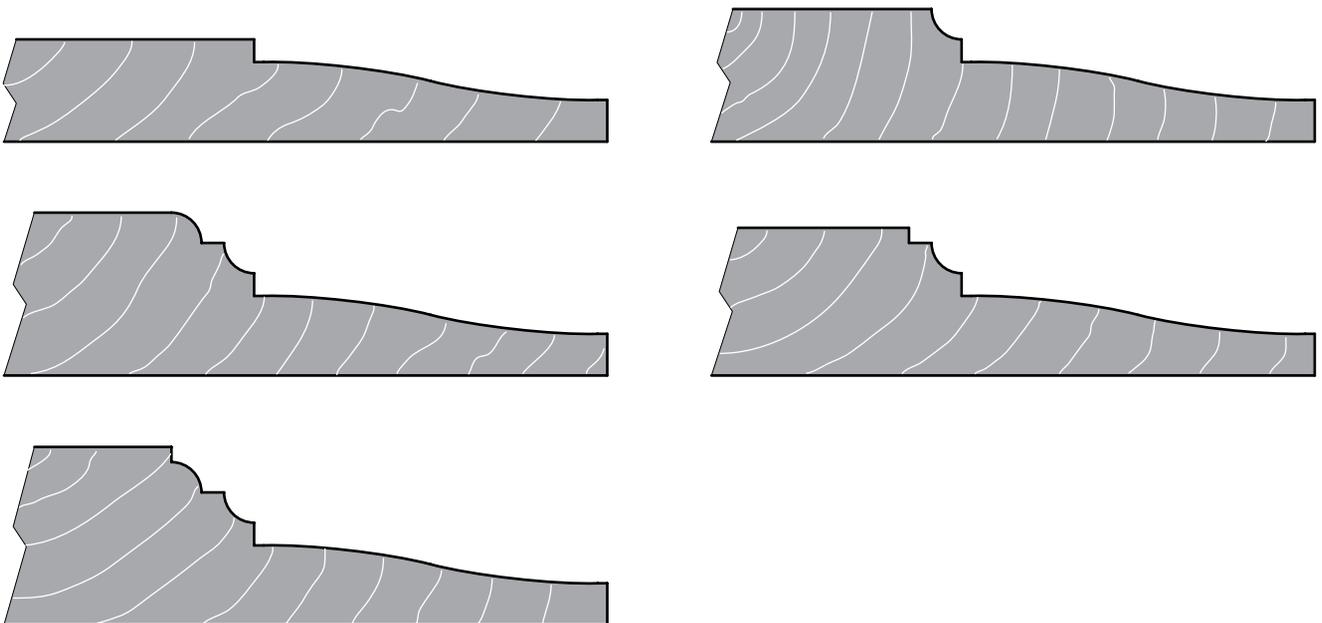
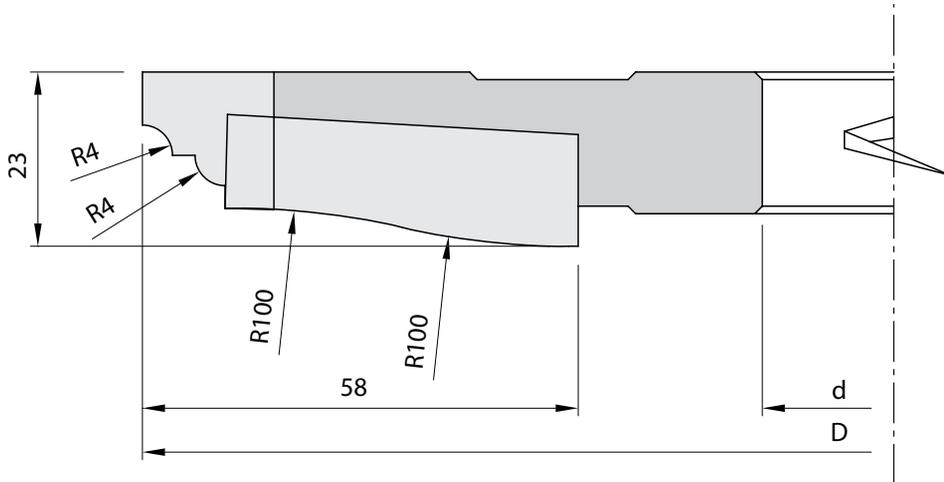
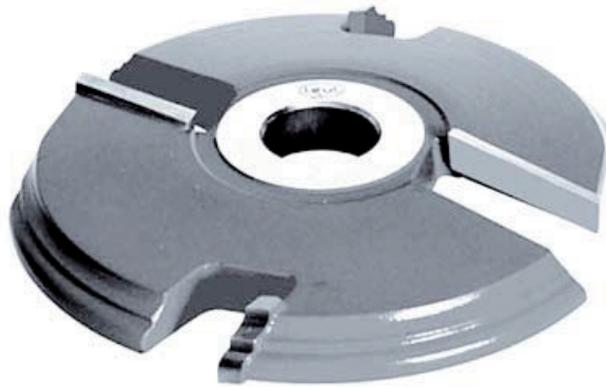
ART.
1017A

FRESA PER PIATTABANDA 5 PROFILI
CUTTER FOR PLATEBAND 5 PROFILES
FRESAS PARA PLATABANDAS PARA 5 PERFILES
FRAISE POUR PLATE-BANDES 5 PROFILS
ФРЕЗА ДЛЯ ФИЛЁНЧАТОЙ ДВЕРИ 5-ТИ ПРОФИЛЬНАЯ

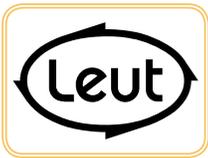


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	200	23	30/35/40/50	2	2



1



ART.
1033A

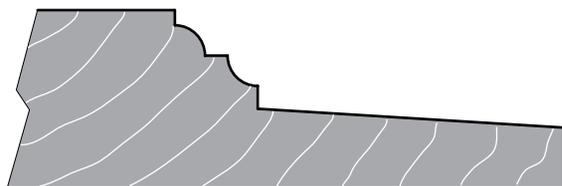
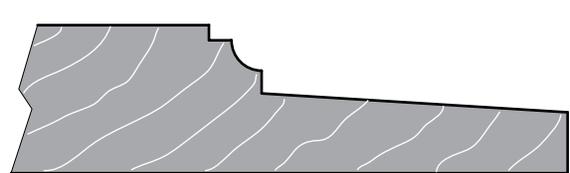
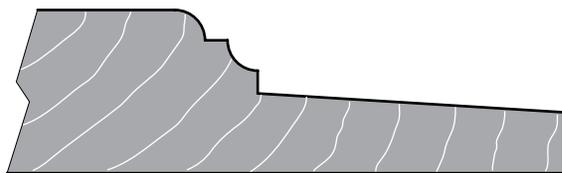
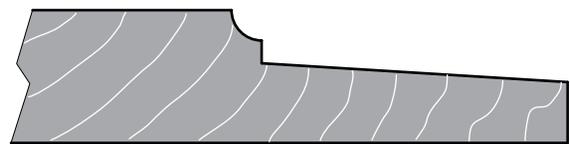
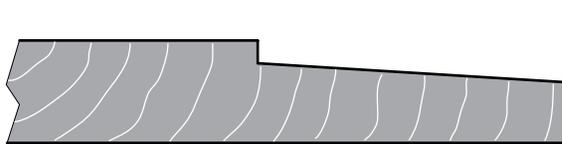
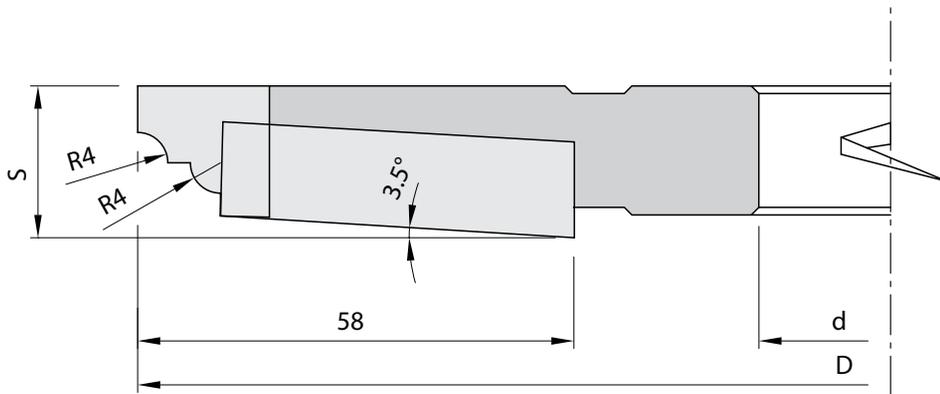
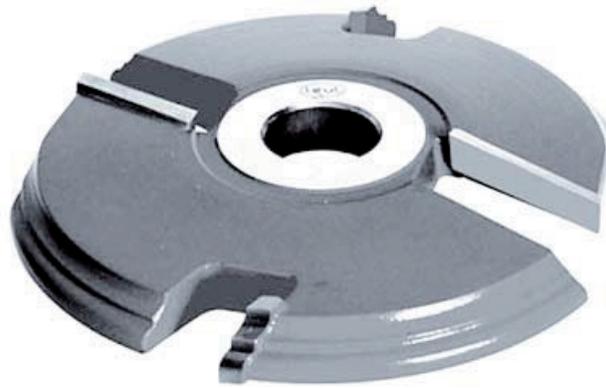
FRESA PER PIATTABANDA 5 PROFILI
CUTTER FOR PLATEBAND 5 PROFILES
FRESAS PARA PLATABANDAS PARA 5 PERFILES
FRAISE POUR PLATE-BANDES 5 PROFILS
ФРЕЗА ДЛЯ ФИЛЁНЧАТОЙ ДВЕРИ 5-ТИ ПРОФИЛЬНАЯ

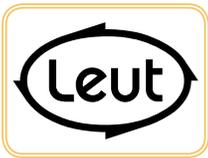


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	200	20	30/35/40/50	2	2

1





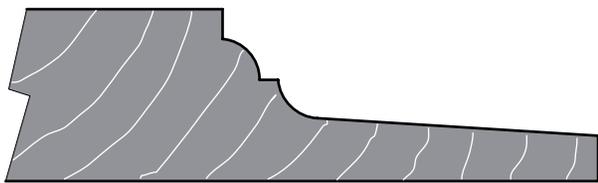
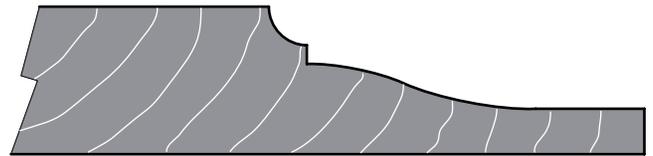
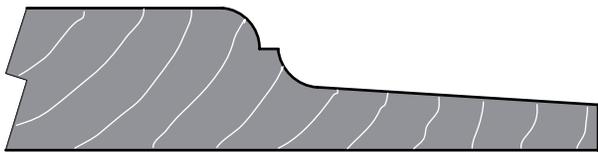
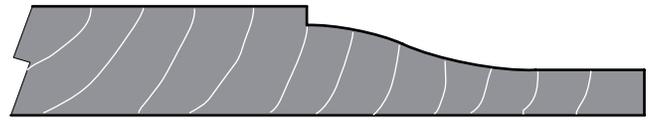
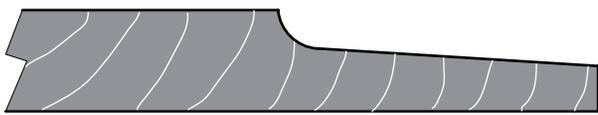
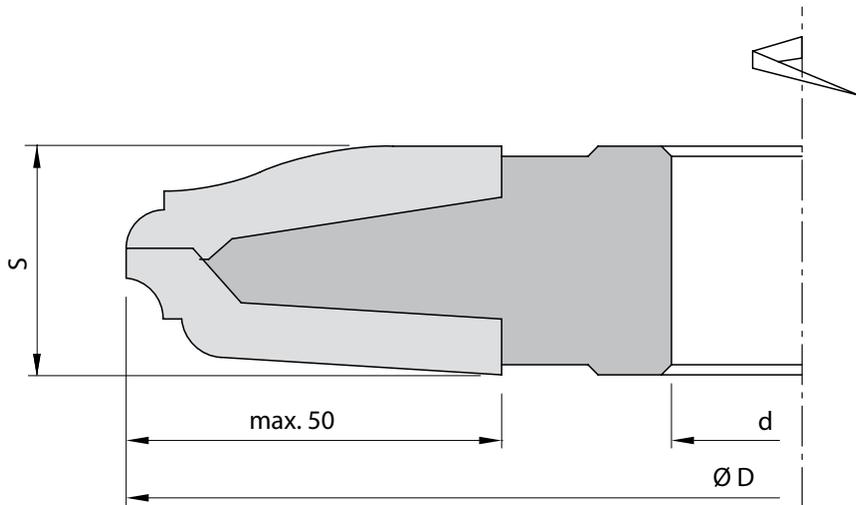
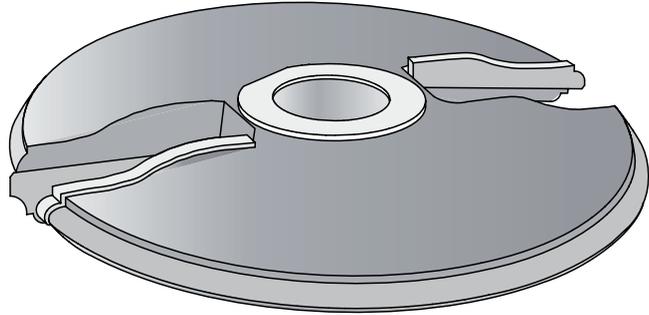
ART.
1802

FRESE PER PIATTABANDE PER SPECCHIETTI
CUTTER FOR PLATEBANDS AND SMALL PANELS
FRESAS PARA PLATABANDAS PARA PEQUEÑOS PANELES
FRAISES POUR PLATES-BANDES POUR PETITS PANNEAUX
ФРЕЗЫ ДЛЯ ИЗГОТОВЛЕНИЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ

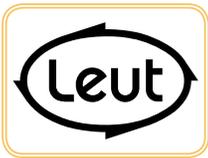


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	180	30	30/35/40/50	2	2



1



ART.
1801

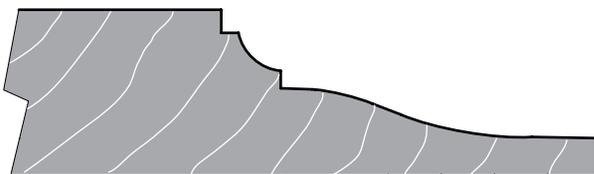
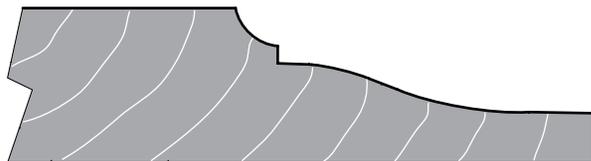
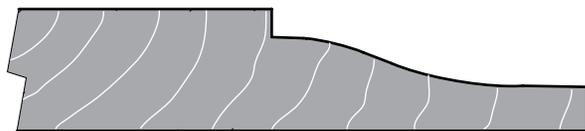
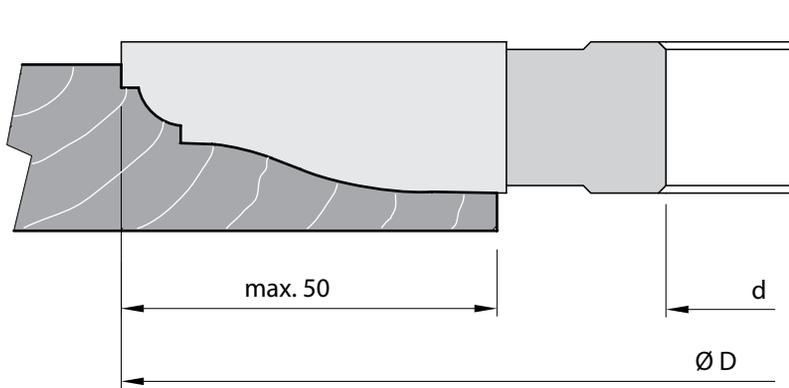
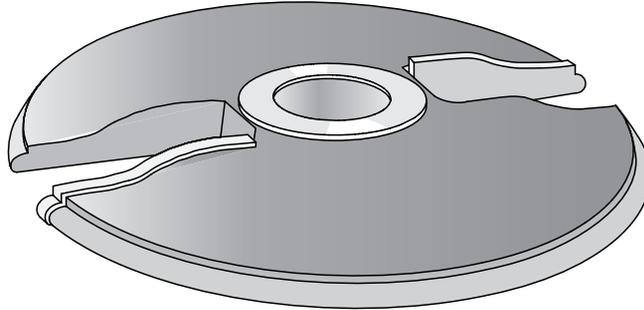
FRESE PER PIATTABANDE PER SPECCHIETTI
CUTTER FOR PLATEBANDS AND SMALL PANELS
FRESAS PARA PLATABANDAS PARA PEQUEÑOS PANELES
FRAISES POUR PLATES-BANDES POUR PETITS PANNEAUX
ФРЕЗЫ ДЛЯ ИЗГОТОВЛЕНИЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ

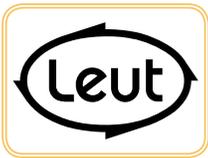


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AB	180	20	30/35/40/50	2

1





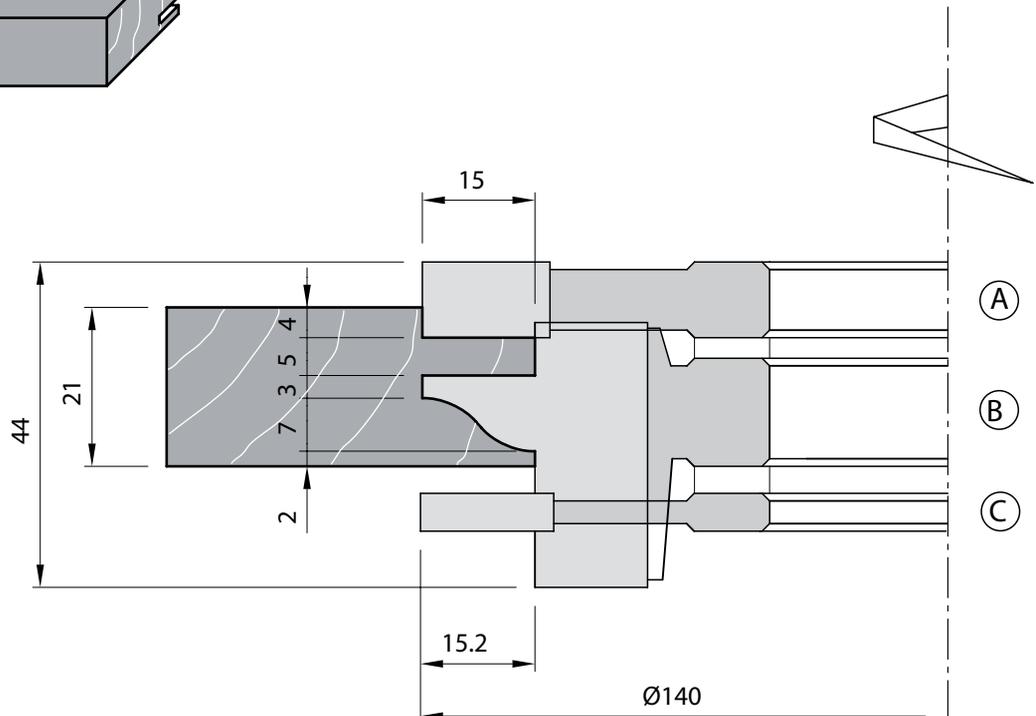
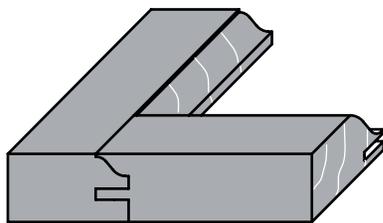
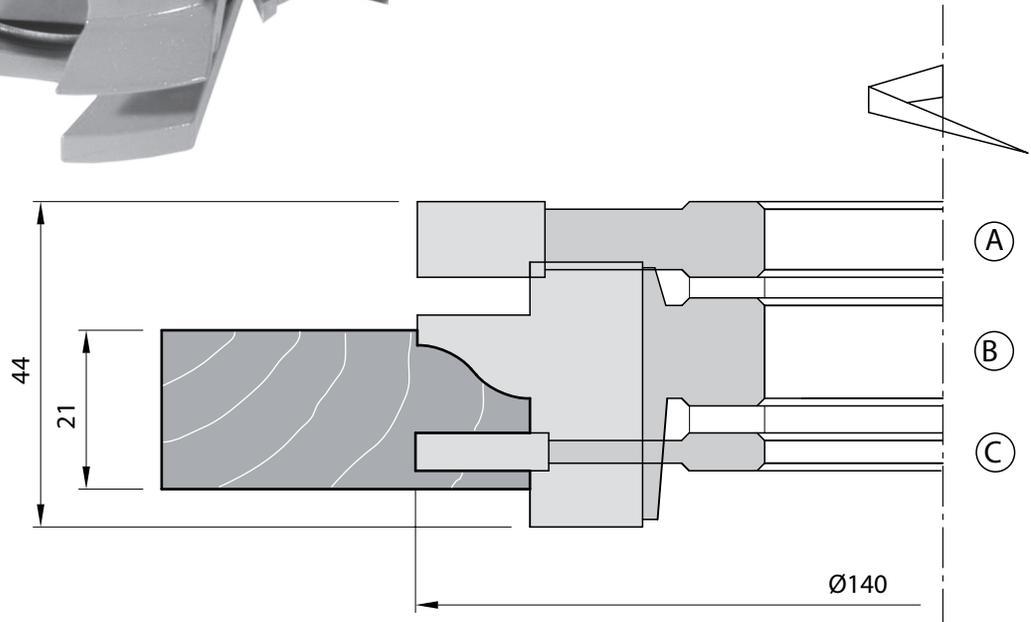
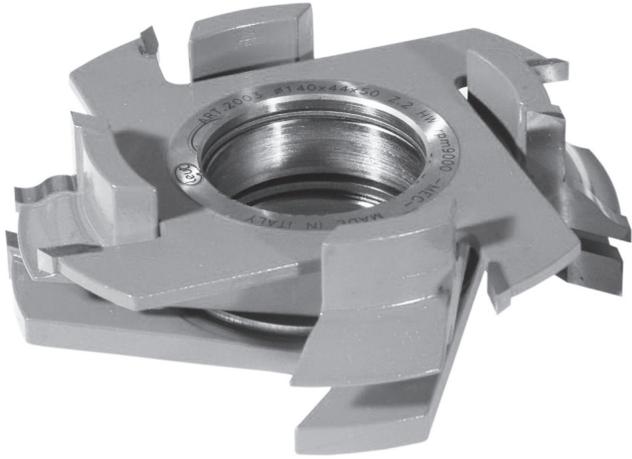
ART.
2003

GRUPPO FRESE PER PROFILO E CONTROPROFILO
SET OF TOOLS FOR PROFILE AND COUNTER PROFILE
GRUPO DE FRESAS MOLDURA Y CONTRA MOLDURA
GROUPE DU FRAISES PROFIL ET CONTREPROFIL
ГРУППА ФРЕЗ ПРОФИЛЬ И КОНТРПРОФИЛЬ

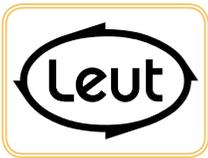


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	140	44	30/35/40/50	2



1



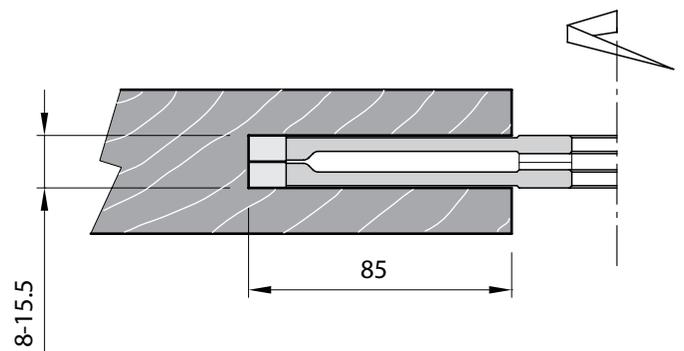
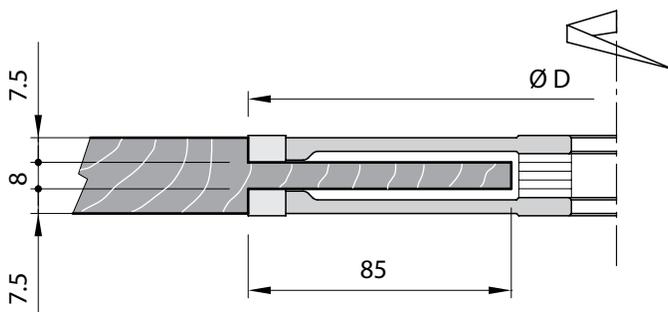
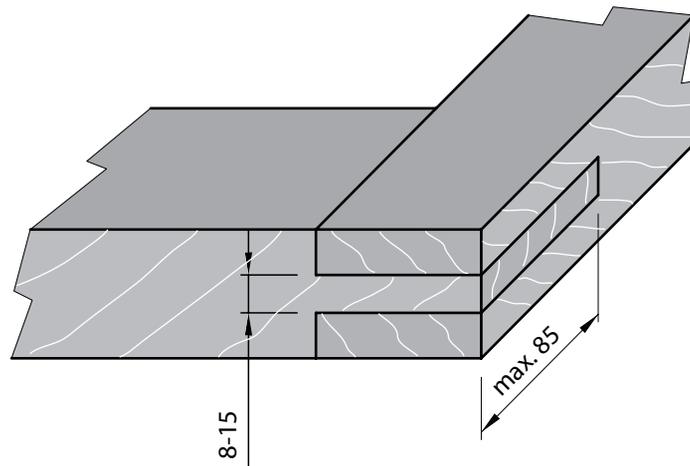
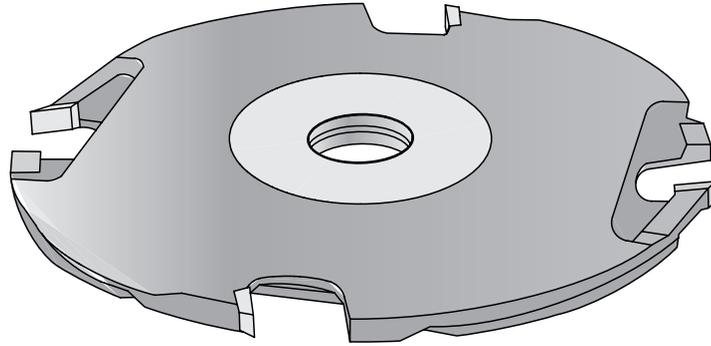
ART.
224

FRESE PER INCASTRI REGOLABILI CON ANELLI E LIMITATORE DI TRUCIOLO
RINGSET ADJUSTABLE GROOVING CUTTERS WITH EDGING GRINDER LIMITER
FRESAS PARA EMPALMES AJUSTABLES CON ANILLOS Y LIMITADOR DE VIRUTAS
FRAISES POUR ASSEMBLAGE RÉGLABLES AVEC BAGUES ET LIMITEUR DE COPEAU
ФРЕЗЫ ДЛЯ РЕГУЛИРУЕМЫХ ПАЗОВ С КОЛЬЦАМИ И ЛИМИТОМ СТРУЖКИ

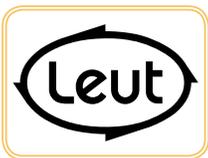
44



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AE	220	8-16	30/35/40/50	4



1



**ART.
1200
1201**

**GRUPPO PER MACCHINA STONDANTE SINGOLA E DOPPIA
MILLING SET FOR SINGLE AND DOUBLE ROUNDING MACHINE
GRUPO PARA MAQUINA REDONDEADORA SIMPLE Y DOBLE
JEU POUR MACHINE ARRONDISANTE SIMPLE ET DOUBLE
ГРУППА ФРЕЗ ДЛЯ ОКРУГЛИТЕЛЬНОГО СТАНКА ОДИНАРНАЯ**

45

HW

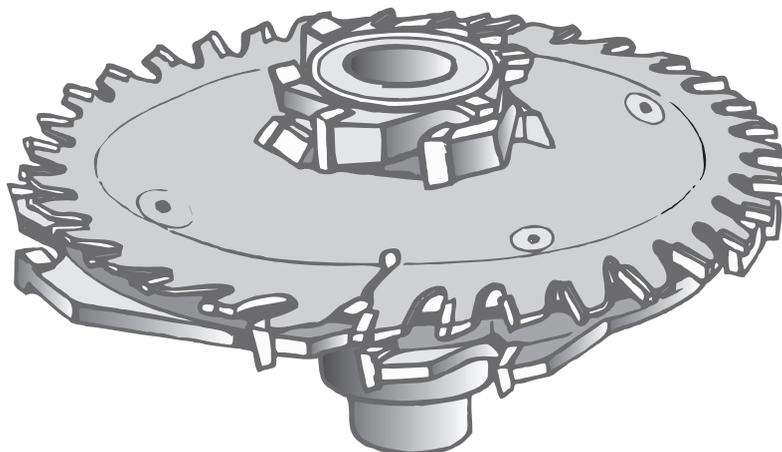


REGOLABILE SU MACCHINA
TIPI DI MACCHINA: BACCI - BALESTRINI - PADE

ADJUSTABLE ON THE MACHINE
TYPES OF MACHINE: BACCI - BALESTRINI - PADE

AJUSTABLE EN LA MAQUINA
TIPOS DE MAQUINA: BACCI - BALESTRINI - PADE

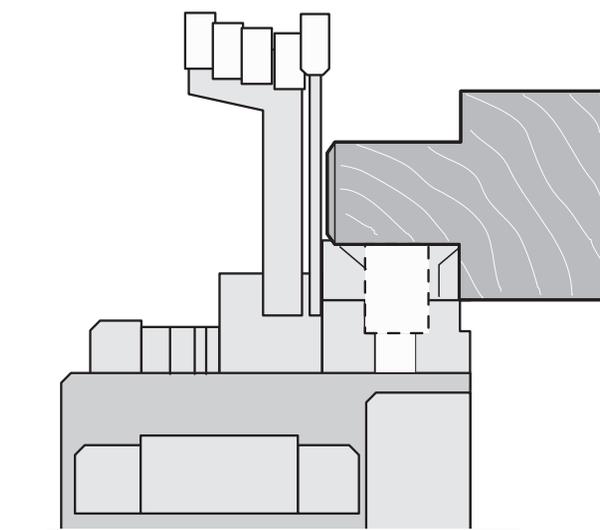
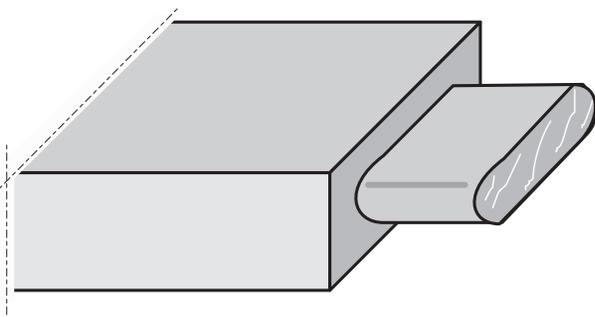
RÉGLABLE SUR LA MACHINE
TYPES DE MACHINES: BACCI - BALESTRINI - PADE



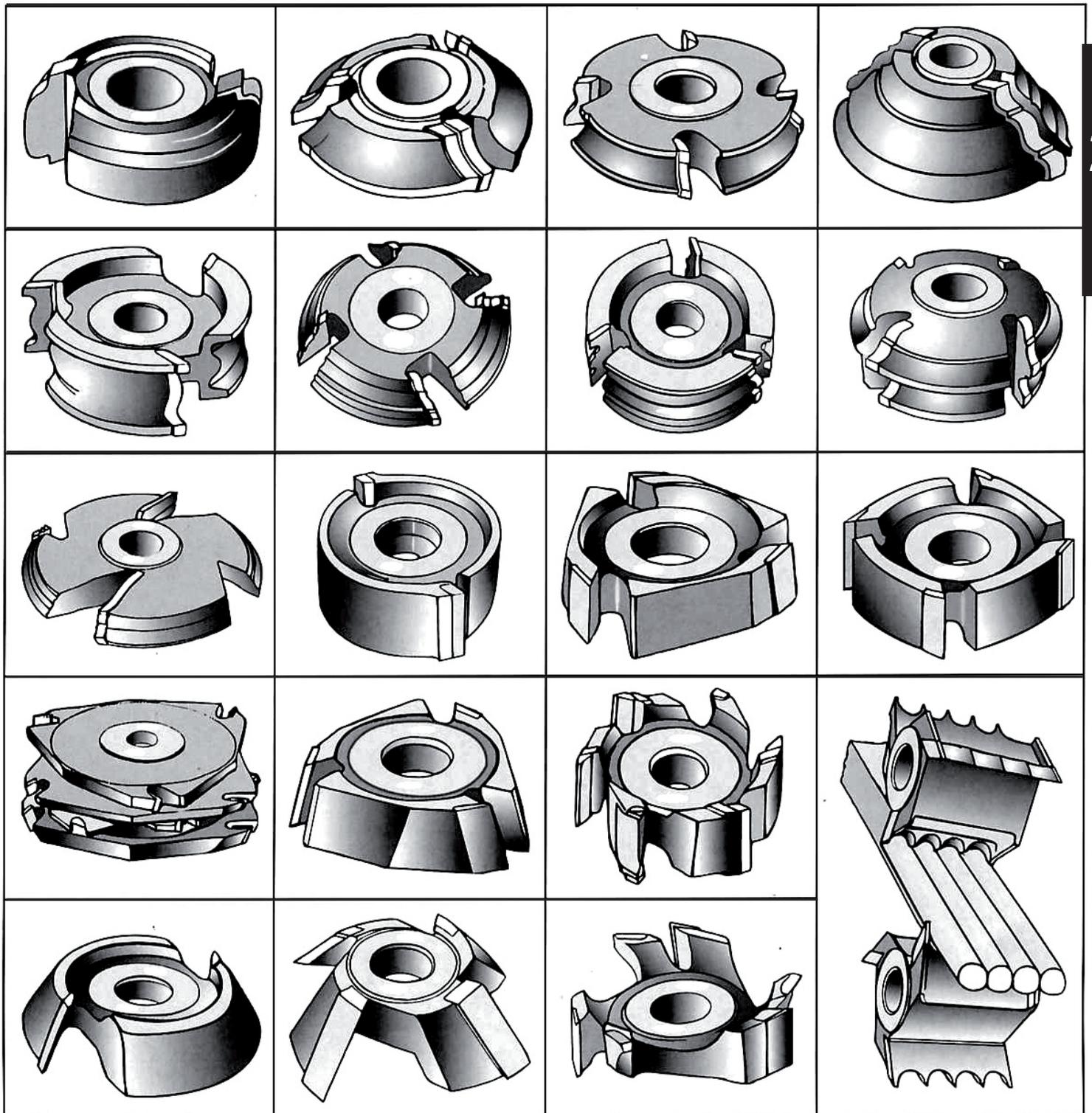
1

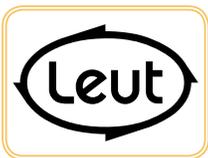
ART.1200			
PER MACCHINE SINGOLE FOR SINGLE MACHINES PARA MAQUINAS SIMPLS		CARATTERISTICHE TECNICHE TECHINCAL CHARACTERISTICS CARACTERISTICAS TECNICAS	
DIAMETRO DIAMETER DAIMETRO	TAGLIENTI CUTTING EDGES CORTANTES	REGOLAZIONE ADJUSTMENT REGULACION	TRUCIOLATORE CHIPPER DES VIRUTADOR
Ø85 O Ø90	3 ÷ 6 R	11 - 42	Ø150

ART.1201			
PER MACCHINE DOPPIE FOR DOUBLE MACHINES PARA MAQUINAS DOBLE		CARATTERISTICHE TECNICHE TECHINCAL CHARACTERISTICS CARACTERISTICAS TECNICAS	
DIAMETRO DIAMETER DAIMETRO	TAGLIENTI CUTTING EDGES CORTANTES	REGOLAZIONE ADJUSTMENT REGULACION	TRUCIOLATORE CHIPPER DES VIRUTADOR
Ø60 O Ø70	3 ÷ 6 R	10 - 35	Ø115



FRESE SALDOBRASATE SPECIALI
SPECIAL BRAZE WELDEN CUTTERS
FRESAS SOLDADAS FUERTE ESPECIALES
FRAISES SPECIALES SOUDO-BRASEES
СПЕЦИАЛЬНЫЕ ФРЕЗЫ С НАПАЙКАМИ

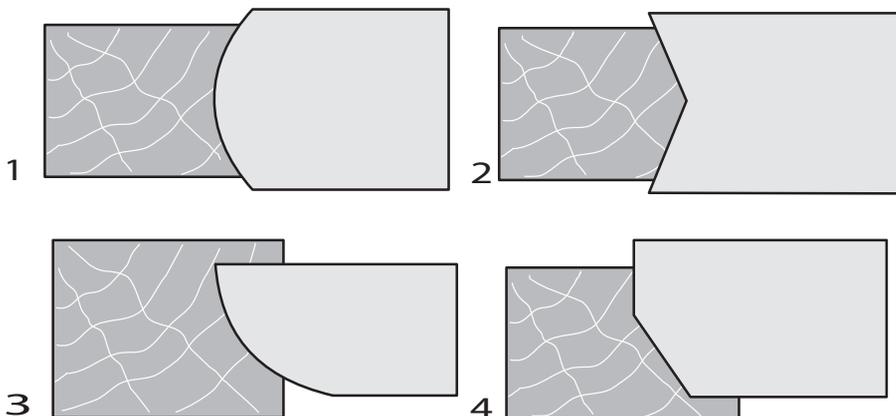
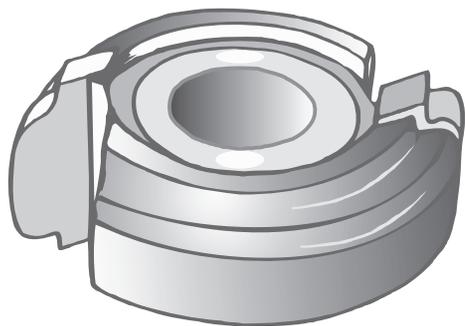




ART.
315

FRESE SAGOMATE A PROFILO SEMPLICE
PROFILE CUTTERS, SIMPLE PROFILE
FRESAS MOLDEADAS DE PERFIL SIMPLE
FRAISES PROFILÉES À PROFIL SIMPLE
ШАБЛОННЫЕ ФРЕЗЫ - ПРОСТОЙ ПРОФИЛЬ

ESEMPI - EXAMPLES - EJEMPLOS - EXEMPLES - ПРИМЕРЫ



2

**HW
HSS**

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AC	100	20	30/35/40/50	2
AD	100	25	30/35/40/50	2
AE	100	30	30/35/40/50	2
AF	100	35	30/35/40/50	2
AG	100	40	30/35/40/50	2
AH	100	45	30/35/40/50	2
AI	100	50	30/35/40/50	2
AK	100	55	30/35/40/50	2
AL	100	60	30/35/40/50	2
AM	100	65	30/35/40/50	2
AN	100	70	30/35/40/50	2
AO	100	80	30/35/40/50	2
AP	100	90	30/35/40/50	2
AQ	100	100	30/35/40/50	2

BC	120	20	30/35/40/50	2
BD	120	25	30/35/40/50	2
BE	120	30	30/35/40/50	2
BF	120	35	30/35/40/50	2
BG	120	40	30/35/40/50	2
BH	120	45	30/35/40/50	2
BI	120	50	30/35/40/50	2
BK	120	55	30/35/40/50	2
BL	120	60	30/35/40/50	2
BM	120	65	30/35/40/50	2
BN	120	70	30/35/40/50	2
BO	120	80	30/35/40/50	2
BP	120	90	30/35/40/50	2
BQ	120	100	30/35/40/50	2

CC	140	20	30/35/40/50	2
CD	140	25	30/35/40/50	2
CE	140	30	30/35/40/50	2
CF	140	35	30/35/40/50	2
CG	140	40	30/35/40/50	2
CH	140	45	30/35/40/50	2
CI	140	50	30/35/40/50	2
CK	140	55	30/35/40/50	2
CL	140	60	30/35/40/50	2
CM	140	65	30/35/40/50	2
CN	140	70	30/35/40/50	2
CO	140	80	30/35/40/50	2
CP	140	90	30/35/40/50	2
CQ	140	100	30/35/40/50	2

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
DC	160	20	30/35/40/50	2
DD	160	25	30/35/40/50	2
DE	160	30	30/35/40/50	2
DF	160	35	30/35/40/50	2
DG	160	40	30/35/40/50	2
DH	160	45	30/35/40/50	2
DI	160	50	30/35/40/50	2
DK	160	55	30/35/40/50	2
DL	160	60	30/35/40/50	2
DM	160	65	30/35/40/50	2
DN	160	70	30/35/40/50	2
DO	160	80	30/35/40/50	2
DP	160	90	30/35/40/50	2
DQ	160	100	30/35/40/50	2

EC	180	20	30/35/40/50	2
ED	180	25	30/35/40/50	2
EE	180	30	30/35/40/50	2
EF	180	35	30/35/40/50	2
EG	180	40	30/35/40/50	2
EH	180	45	30/35/40/50	2
EI	180	50	30/35/40/50	2
EK	180	55	30/35/40/50	2
EL	180	60	30/35/40/50	2
EM	180	65	30/35/40/50	2
EN	180	70	30/35/40/50	2
EO	180	80	30/35/40/50	2
EP	180	90	30/35/40/50	2
EQ	180	100	30/35/40/50	2

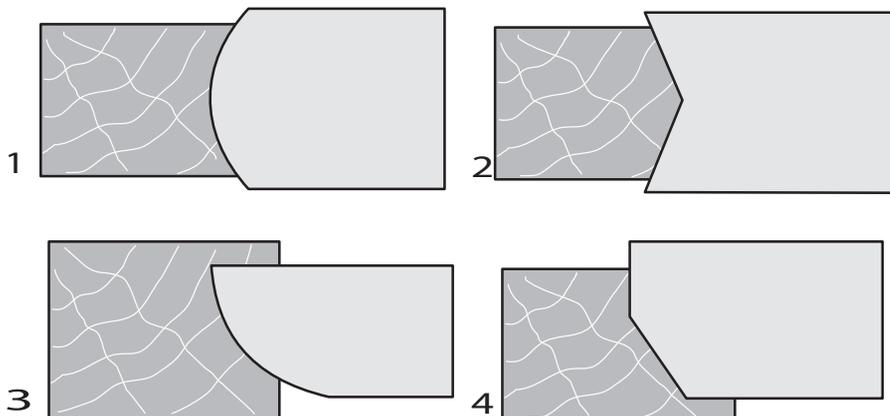
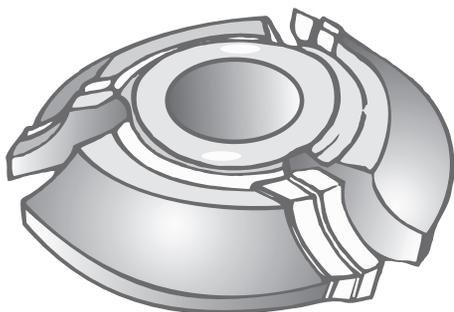
FC	200	20	30/35/40/50	2
FD	200	25	30/35/40/50	2
FE	200	30	30/35/40/50	2
FF	200	35	30/35/40/50	2
FG	200	40	30/35/40/50	2
FH	200	45	30/35/40/50	2
FI	200	50	30/35/40/50	2
FK	200	55	30/35/40/50	2
FL	200	60	30/35/40/50	2
FM	200	65	30/35/40/50	2
FN	200	70	30/35/40/50	2
FO	200	80	30/35/40/50	2
FP	200	90	30/35/40/50	2
FQ	200	100	30/35/40/50	2



ART.
387

FRESE SAGOMATE A PROFILO SEMPLICE
PROFILE CUTTERS, SIMPLE PROFILE
FRESAS MOLDEADAS DE PERFIL SIMPLE
FRAISES PROFILÉES À PROFIL SIMPLE
ШАБЛОННЫЕ ФРЕЗЫ - ПРОСТОЙ ПРОФИЛЬ

ESEMPLI - EXAMPLES - EJEMPLOS - EXEMPLES - ПРИМЕРЫ



**HW
HSS**

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AC	100	20	30/35/40/50	3
AD	100	25	30/35/40/50	3
AE	100	30	30/35/40/50	3
AF	100	35	30/35/40/50	3
AG	100	40	30/35/40/50	3
AH	100	45	30/35/40/50	3
AI	100	50	30/35/40/50	3
AK	100	55	30/35/40/50	3
AL	100	60	30/35/40/50	3
AM	100	65	30/35/40/50	3
AN	100	70	30/35/40/50	3
AO	100	80	30/35/40/50	3
AP	100	90	30/35/40/50	3
AQ	100	100	30/35/40/50	3

BC	120	20	30/35/40/50	3
BD	120	25	30/35/40/50	3
BE	120	30	30/35/40/50	3
BF	120	35	30/35/40/50	3
BG	120	40	30/35/40/50	3
BH	120	45	30/35/40/50	3
BI	120	50	30/35/40/50	3
BK	120	55	30/35/40/50	3
BL	120	60	30/35/40/50	3
BM	120	65	30/35/40/50	3
BN	120	70	30/35/40/50	3
BO	120	80	30/35/40/50	3
BP	120	90	30/35/40/50	3
BQ	120	100	30/35/40/50	3

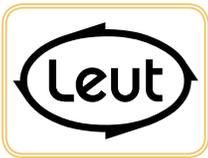
CC	140	20	30/35/40/50	3
CD	140	25	30/35/40/50	3
CE	140	30	30/35/40/50	3
CF	140	35	30/35/40/50	3
CG	140	40	30/35/40/50	3
CH	140	45	30/35/40/50	3
CI	140	50	30/35/40/50	3
CK	140	55	30/35/40/50	3
CL	140	60	30/35/40/50	3
CM	140	65	30/35/40/50	3
CN	140	70	30/35/40/50	3
CO	140	80	30/35/40/50	3
CP	140	90	30/35/40/50	3
CQ	140	100	30/35/40/50	3

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
DC	160	20	30/35/40/50	3
DD	160	25	30/35/40/50	3
DE	160	30	30/35/40/50	3
DF	160	35	30/35/40/50	3
DG	160	40	30/35/40/50	3
DH	160	45	30/35/40/50	3
DI	160	50	30/35/40/50	3
DK	160	55	30/35/40/50	3
DL	160	60	30/35/40/50	3
DM	160	65	30/35/40/50	3
DN	160	70	30/35/40/50	3
DO	160	80	30/35/40/50	3
DP	160	90	30/35/40/50	3
DQ	160	100	30/35/40/50	3

EC	180	20	30/35/40/50	3
ED	180	25	30/35/40/50	3
EE	180	30	30/35/40/50	3
EF	180	35	30/35/40/50	3
EG	180	40	30/35/40/50	3
EH	180	45	30/35/40/50	3
EI	180	50	30/35/40/50	3
EK	180	55	30/35/40/50	3
EL	180	60	30/35/40/50	3
EM	180	65	30/35/40/50	3
EN	180	70	30/35/40/50	3
EO	180	80	30/35/40/50	3
EP	180	90	30/35/40/50	3
EQ	180	100	30/35/40/50	3

FC	200	20	30/35/40/50	3
FD	200	25	30/35/40/50	3
FE	200	30	30/35/40/50	3
FF	200	35	30/35/40/50	3
FG	200	40	30/35/40/50	3
FH	200	45	30/35/40/50	3
FI	200	50	30/35/40/50	3
FK	200	55	30/35/40/50	3
FL	200	60	30/35/40/50	3
FM	200	65	30/35/40/50	3
FN	200	70	30/35/40/50	3
FO	200	80	30/35/40/50	3
FP	200	90	30/35/40/50	3
FQ	200	100	30/35/40/50	3

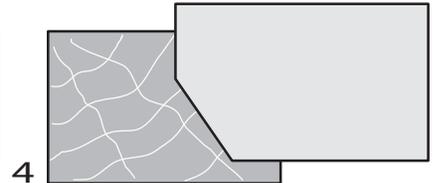
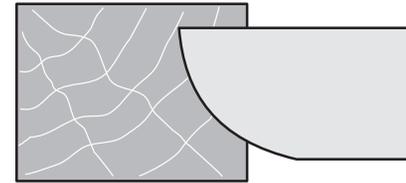
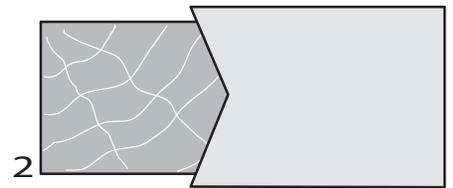
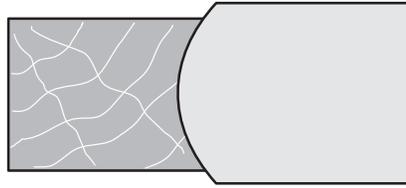
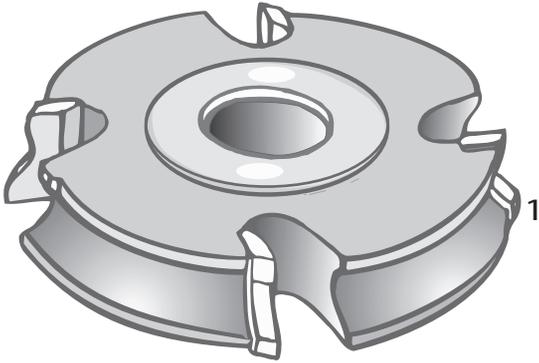
2



ART.
327

FRESE SAGOMATE A PROFILO SEMPLICE
PROFILE CUTTERS, SIMPLE PROFILE
FRESAS MOLDEADAS DE PERFIL SIMPLE
FRAISES PROFILÉES À PROFIL SIMPLE
ШАБЛОННЫЕ ФРЕЗЫ - ПРОСТОЙ ПРОФИЛЬ

ESEMPLI - EXAMPLES - EJEMPLOS - EXEMPLES - ПРИМЕРЫ



**HW
HSS**

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AC	100	20	30/35/40/50	4
AD	100	25	30/35/40/50	4
AE	100	30	30/35/40/50	4
AF	100	35	30/35/40/50	4
AG	100	40	30/35/40/50	4
AH	100	45	30/35/40/50	4
AI	100	50	30/35/40/50	4
AK	100	55	30/35/40/50	4
AL	100	60	30/35/40/50	4
AM	100	65	30/35/40/50	4
AN	100	70	30/35/40/50	4
AO	100	80	30/35/40/50	4
AP	100	90	30/35/40/50	4
AQ	100	100	30/35/40/50	4

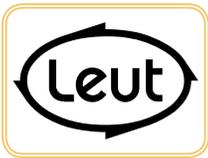
BC	120	20	30/35/40/50	4
BD	120	25	30/35/40/50	4
BE	120	30	30/35/40/50	4
BF	120	35	30/35/40/50	4
BG	120	40	30/35/40/50	4
BH	120	45	30/35/40/50	4
BI	120	50	30/35/40/50	4
BK	120	55	30/35/40/50	4
BL	120	60	30/35/40/50	4
BM	120	65	30/35/40/50	4
BN	120	70	30/35/40/50	4
BO	120	80	30/35/40/50	4
BP	120	90	30/35/40/50	4
BQ	120	100	30/35/40/50	4

CC	140	20	30/35/40/50	4
CD	140	25	30/35/40/50	4
CE	140	30	30/35/40/50	4
CF	140	35	30/35/40/50	4
CG	140	40	30/35/40/50	4
CH	140	45	30/35/40/50	4
CI	140	50	30/35/40/50	4
CK	140	55	30/35/40/50	4
CL	140	60	30/35/40/50	4
CM	140	65	30/35/40/50	4
CN	140	70	30/35/40/50	4
CO	140	80	30/35/40/50	4
CP	140	90	30/35/40/50	4
CQ	140	100	30/35/40/50	4

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
DC	160	20	30/35/40/50	4
DD	160	25	30/35/40/50	4
DE	160	30	30/35/40/50	4
DF	160	35	30/35/40/50	4
DG	160	40	30/35/40/50	4
DH	160	45	30/35/40/50	4
DI	160	50	30/35/40/50	4
DK	160	55	30/35/40/50	4
DL	160	60	30/35/40/50	4
DM	160	65	30/35/40/50	4
DN	160	70	30/35/40/50	4
DO	160	80	30/35/40/50	4
DP	160	90	30/35/40/50	4
DQ	160	100	30/35/40/50	4

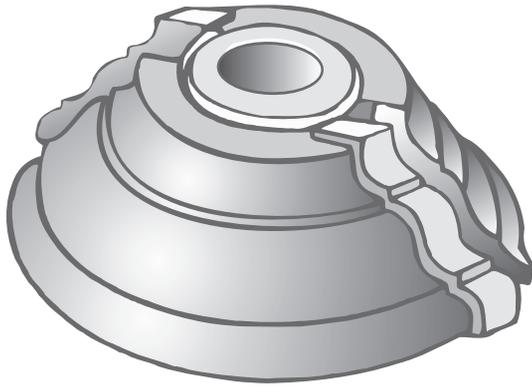
EC	180	20	30/35/40/50	4
ED	180	25	30/35/40/50	4
EE	180	30	30/35/40/50	4
EF	180	35	30/35/40/50	4
EG	180	40	30/35/40/50	4
EH	180	45	30/35/40/50	4
EI	180	50	30/35/40/50	4
EK	180	55	30/35/40/50	4
EL	180	60	30/35/40/50	4
EM	180	65	30/35/40/50	4
EN	180	70	30/35/40/50	4
EO	180	80	30/35/40/50	4
EP	180	90	30/35/40/50	4
EQ	180	100	30/35/40/50	4

FC	200	20	30/35/40/50	4
FD	200	25	30/35/40/50	4
FE	200	30	30/35/40/50	4
FF	200	35	30/35/40/50	4
FG	200	40	30/35/40/50	4
FH	200	45	30/35/40/50	4
FI	200	50	30/35/40/50	4
FK	200	55	30/35/40/50	4
FL	200	60	30/35/40/50	4
FM	200	65	30/35/40/50	4
FN	200	70	30/35/40/50	4
FO	200	80	30/35/40/50	4
FP	200	90	30/35/40/50	4
FQ	200	100	30/35/40/50	4

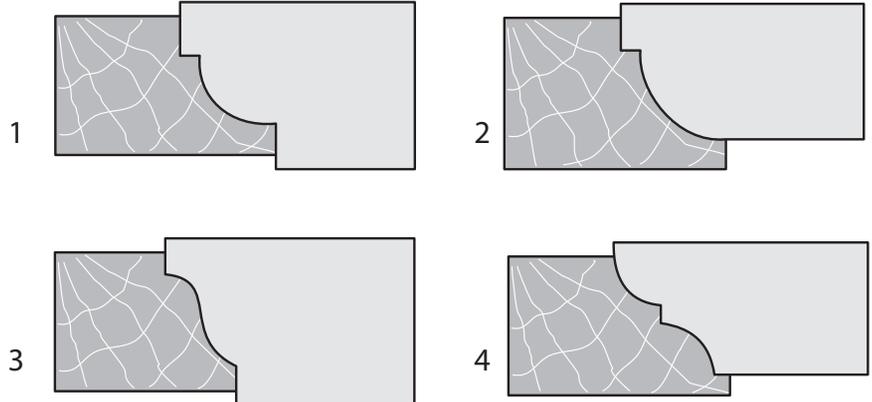


ART.
359

FRESE SAGOMATE A PROFILO COMPLESSO
PROFILE CUTTERS, COMPLEX PROFILE
FRESAS MOLDEADAS DE PERFIL COMPLEJO
FRAISES PROFILÉES À PROFIL COMPLEXE
ШАБЛОННЫЕ ФРЕЗЫ - СЛОЖНЫЙ ПРОФИЛЬ



ESEMPI - EXAMPLES - EJEMPLOS - EXEMPLES - ПРИМЕРЫ



**HW
HSS**

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AC	100	20	30/35/40/50	2
AD	100	25	30/35/40/50	2
AE	100	30	30/35/40/50	2
AF	100	35	30/35/40/50	2
AG	100	40	30/35/40/50	2
AH	100	45	30/35/40/50	2
AI	100	50	30/35/40/50	2
AK	100	55	30/35/40/50	2
AL	100	60	30/35/40/50	2
AM	100	65	30/35/40/50	2
AN	100	70	30/35/40/50	2
AO	100	80	30/35/40/50	2
AP	100	90	30/35/40/50	2
AQ	100	100	30/35/40/50	2

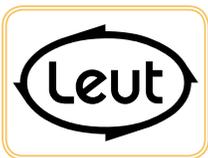
BC	120	20	30/35/40/50	2
BD	120	25	30/35/40/50	2
BE	120	30	30/35/40/50	2
BF	120	35	30/35/40/50	2
BG	120	40	30/35/40/50	2
BH	120	45	30/35/40/50	2
BI	120	50	30/35/40/50	2
BK	120	55	30/35/40/50	2
BL	120	60	30/35/40/50	2
BM	120	65	30/35/40/50	2
BN	120	70	30/35/40/50	2
BO	120	80	30/35/40/50	2
BP	120	90	30/35/40/50	2
BQ	120	100	30/35/40/50	2

CC	140	20	30/35/40/50	2
CD	140	25	30/35/40/50	2
CE	140	30	30/35/40/50	2
CF	140	35	30/35/40/50	2
CG	140	40	30/35/40/50	2
CH	140	45	30/35/40/50	2
CI	140	50	30/35/40/50	2
CK	140	55	30/35/40/50	2
CL	140	60	30/35/40/50	2
CM	140	65	30/35/40/50	2
CN	140	70	30/35/40/50	2
CO	140	80	30/35/40/50	2
CP	140	90	30/35/40/50	2
CQ	140	100	30/35/40/50	2

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
DC	160	20	30/35/40/50	2
DD	160	25	30/35/40/50	2
DE	160	30	30/35/40/50	2
DF	160	35	30/35/40/50	2
DG	160	40	30/35/40/50	2
DH	160	45	30/35/40/50	2
DI	160	50	30/35/40/50	2
DK	160	55	30/35/40/50	2
DL	160	60	30/35/40/50	2
DM	160	65	30/35/40/50	2
DN	160	70	30/35/40/50	2
DO	160	80	30/35/40/50	2
DP	160	90	30/35/40/50	2
DQ	160	100	30/35/40/50	2

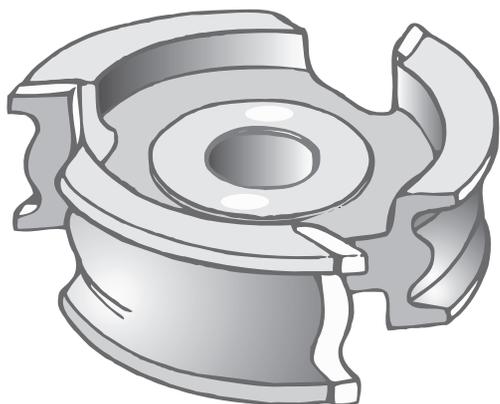
EC	180	20	30/35/40/50	2
ED	180	25	30/35/40/50	2
EE	180	30	30/35/40/50	2
EF	180	35	30/35/40/50	2
EG	180	40	30/35/40/50	2
EH	180	45	30/35/40/50	2
EI	180	50	30/35/40/50	2
EK	180	55	30/35/40/50	2
EL	180	60	30/35/40/50	2
EM	180	65	30/35/40/50	2
EN	180	70	30/35/40/50	2
EO	180	80	30/35/40/50	2
EP	180	90	30/35/40/50	2
EQ	180	100	30/35/40/50	2

FC	200	20	30/35/40/50	2
FD	200	25	30/35/40/50	2
FE	200	30	30/35/40/50	2
FF	200	35	30/35/40/50	2
FG	200	40	30/35/40/50	2
FH	200	45	30/35/40/50	2
FI	200	50	30/35/40/50	2
FK	200	55	30/35/40/50	2
FL	200	60	30/35/40/50	2
FM	200	65	30/35/40/50	2
FN	200	70	30/35/40/50	2
FO	200	80	30/35/40/50	2
FP	200	90	30/35/40/50	2
FQ	200	100	30/35/40/50	2

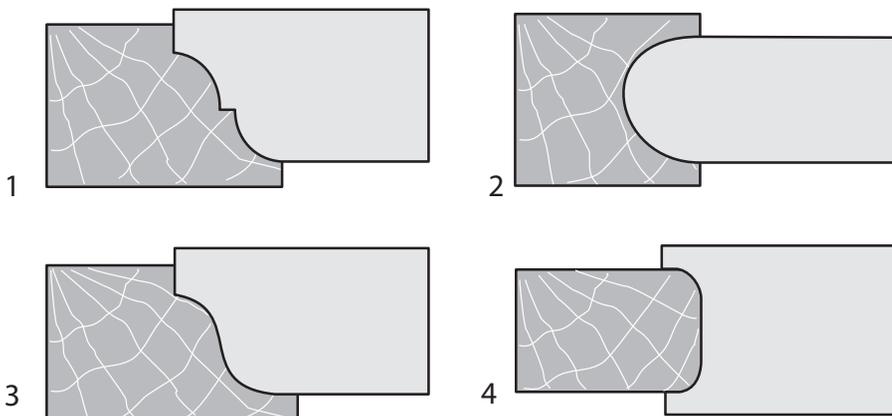


ART.
395

FRESE SAGOMATE A PROFILO COMPLESSO
PROFILE CUTTERS, COMPLEX PROFILE
FRESAS MOLDEADAS DE PERFIL COMPLEJO
FRAISES PROFILÉES À PROFIL COMPLEXE
ШАБЛОННЫЕ ФРЕЗЫ - СЛОЖНЫЙ ПРОФИЛЬ



ESEMPLI - EXAMPLES - EJEMPLOS - EXEMPLES - ПРИМЕРЫ



**HW
HSS**

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AC	100	20	30/35/40/50	3
AD	100	25	30/35/40/50	3
AE	100	30	30/35/40/50	3
AF	100	35	30/35/40/50	3
AG	100	40	30/35/40/50	3
AH	100	45	30/35/40/50	3
AI	100	50	30/35/40/50	3
AK	100	55	30/35/40/50	3
AL	100	60	30/35/40/50	3
AM	100	65	30/35/40/50	3
AN	100	70	30/35/40/50	3
AO	100	80	30/35/40/50	3
AP	100	90	30/35/40/50	3
AQ	100	100	30/35/40/50	3

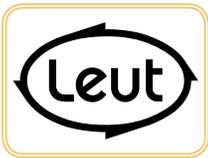
BC	120	20	30/35/40/50	3
BD	120	25	30/35/40/50	3
BE	120	30	30/35/40/50	3
BF	120	35	30/35/40/50	3
BG	120	40	30/35/40/50	3
BH	120	45	30/35/40/50	3
BI	120	50	30/35/40/50	3
BK	120	55	30/35/40/50	3
BL	120	60	30/35/40/50	3
BM	120	65	30/35/40/50	3
BN	120	70	30/35/40/50	3
BO	120	80	30/35/40/50	3
BP	120	90	30/35/40/50	3
BQ	120	100	30/35/40/50	3

CC	140	20	30/35/40/50	3
CD	140	25	30/35/40/50	3
CE	140	30	30/35/40/50	3
CF	140	35	30/35/40/50	3
CG	140	40	30/35/40/50	3
CH	140	45	30/35/40/50	3
CI	140	50	30/35/40/50	3
CK	140	55	30/35/40/50	3
CL	140	60	30/35/40/50	3
CM	140	65	30/35/40/50	3
CN	140	70	30/35/40/50	3
CO	140	80	30/35/40/50	3
CP	140	90	30/35/40/50	3
CQ	140	100	30/35/40/50	3

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
DC	160	20	30/35/40/50	3
DD	160	25	30/35/40/50	3
DE	160	30	30/35/40/50	3
DF	160	35	30/35/40/50	3
DG	160	40	30/35/40/50	3
DH	160	45	30/35/40/50	3
DI	160	50	30/35/40/50	3
DK	160	55	30/35/40/50	3
DL	160	60	30/35/40/50	3
DM	160	65	30/35/40/50	3
DN	160	70	30/35/40/50	3
DO	160	80	30/35/40/50	3
DP	160	90	30/35/40/50	3
DQ	160	100	30/35/40/50	3

EC	180	20	30/35/40/50	3
ED	180	25	30/35/40/50	3
EE	180	30	30/35/40/50	3
EF	180	35	30/35/40/50	3
EG	180	40	30/35/40/50	3
EH	180	45	30/35/40/50	3
EI	180	50	30/35/40/50	3
EK	180	55	30/35/40/50	3
EL	180	60	30/35/40/50	3
EM	180	65	30/35/40/50	3
EN	180	70	30/35/40/50	3
EO	180	80	30/35/40/50	3
EP	180	90	30/35/40/50	3
EQ	180	100	30/35/40/50	3

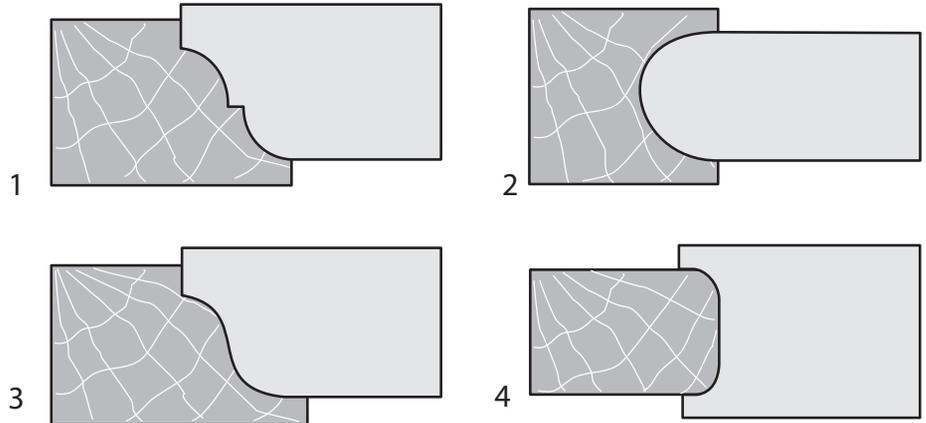
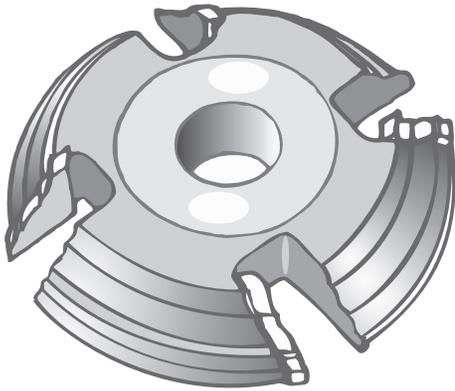
FC	200	20	30/35/40/50	3
FD	200	25	30/35/40/50	3
FE	200	30	30/35/40/50	3
FF	200	35	30/35/40/50	3
FG	200	40	30/35/40/50	3
FH	200	45	30/35/40/50	3
FI	200	50	30/35/40/50	3
FK	200	55	30/35/40/50	3
FL	200	60	30/35/40/50	3
FM	200	65	30/35/40/50	3
FN	200	70	30/35/40/50	3
FO	200	80	30/35/40/50	3
FP	200	90	30/35/40/50	3
FQ	200	100	30/35/40/50	3



ART.
339

FRESE SAGOMATE A PROFILO COMPLESSO
PROFILE CUTTERS, COMPLEX PROFILE
FRESAS MOLDEADAS DE PERFIL COMPLEJO
FRAISES PROFILÉES À PROFIL COMPLEXE
ШАБЛОННЫЕ ФРЕЗЫ - СЛОЖНЫЙ ПРОФИЛЬ

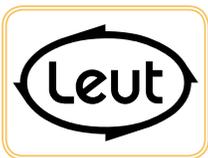
ESEMPLI - EXAMPLES - EJEMPLOS - EXEMPLES - ПРИМЕРЫ



**HW
HSS**

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AC	100	20	30/35/40/50	4
AD	100	25	30/35/40/50	4
AE	100	30	30/35/40/50	4
AF	100	35	30/35/40/50	4
AG	100	40	30/35/40/50	4
AH	100	45	30/35/40/50	4
AI	100	50	30/35/40/50	4
AK	100	55	30/35/40/50	4
AL	100	60	30/35/40/50	4
AM	100	65	30/35/40/50	4
AN	100	70	30/35/40/50	4
AO	100	80	30/35/40/50	4
AP	100	90	30/35/40/50	4
AQ	100	100	30/35/40/50	4
BC	120	20	30/35/40/50	4
BD	120	25	30/35/40/50	4
BE	120	30	30/35/40/50	4
BF	120	35	30/35/40/50	4
BG	120	40	30/35/40/50	4
BH	120	45	30/35/40/50	4
BI	120	50	30/35/40/50	4
BK	120	55	30/35/40/50	4
BL	120	60	30/35/40/50	4
BM	120	65	30/35/40/50	4
BN	120	70	30/35/40/50	4
BO	120	80	30/35/40/50	4
BP	120	90	30/35/40/50	4
BQ	120	100	30/35/40/50	4
CC	140	20	30/35/40/50	4
CD	140	25	30/35/40/50	4
CE	140	30	30/35/40/50	4
CF	140	35	30/35/40/50	4
CG	140	40	30/35/40/50	4
CH	140	45	30/35/40/50	4
CI	140	50	30/35/40/50	4
CK	140	55	30/35/40/50	4
CL	140	60	30/35/40/50	4
CM	140	65	30/35/40/50	4
CN	140	70	30/35/40/50	4
CO	140	80	30/35/40/50	4
CP	140	90	30/35/40/50	4
CQ	140	100	30/35/40/50	4

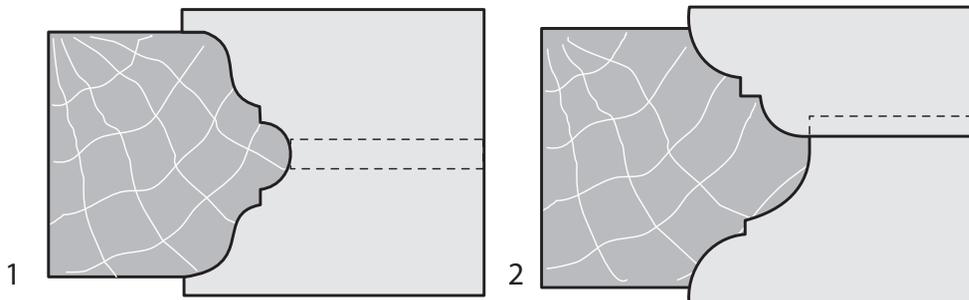
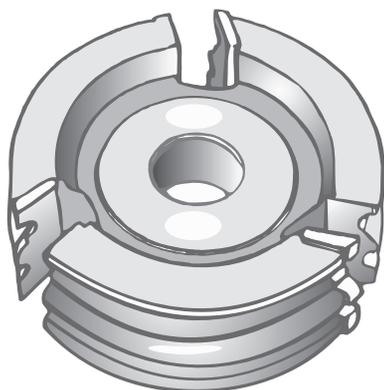
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
DC	160	20	30/35/40/50	4
DD	160	25	30/35/40/50	4
DE	160	30	30/35/40/50	4
DF	160	35	30/35/40/50	4
DG	160	40	30/35/40/50	4
DH	160	45	30/35/40/50	4
DI	160	50	30/35/40/50	4
DK	160	55	30/35/40/50	4
DL	160	60	30/35/40/50	4
DM	160	65	30/35/40/50	4
DN	160	70	30/35/40/50	4
DO	160	80	30/35/40/50	4
DP	160	90	30/35/40/50	4
DQ	160	100	30/35/40/50	4
EC	180	20	30/35/40/50	4
ED	180	25	30/35/40/50	4
EE	180	30	30/35/40/50	4
EF	180	35	30/35/40/50	4
EG	180	40	30/35/40/50	4
EH	180	45	30/35/40/50	4
EI	180	50	30/35/40/50	4
EK	180	55	30/35/40/50	4
EL	180	60	30/35/40/50	4
EM	180	65	30/35/40/50	4
EN	180	70	30/35/40/50	4
EO	180	80	30/35/40/50	4
EP	180	90	30/35/40/50	4
EQ	180	100	30/35/40/50	4
FC	200	20	30/35/40/50	4
FD	200	25	30/35/40/50	4
FE	200	30	30/35/40/50	4
FF	200	35	30/35/40/50	4
FG	200	40	30/35/40/50	4
FH	200	45	30/35/40/50	4
FI	200	50	30/35/40/50	4
FK	200	55	30/35/40/50	4
FL	200	60	30/35/40/50	4
FM	200	65	30/35/40/50	4
FN	200	70	30/35/40/50	4
FO	200	80	30/35/40/50	4
FP	200	90	30/35/40/50	4
FQ	200	100	30/35/40/50	4



ART.
375

FRESE SAGOMATE A PROFILO MOLTO COMPLESSO
PROFILE CUTTERS, WITH VERY COMPLEX PROFILE
FRESAS MOLDEADAS DE PERFIL MUY COMPLEJO
FRAISES PROFILÉES À PROFIL TRÈS COMPLEXE
ШАБЛОННЫЕ ФРЕЗЫ - ОЧЕНЬ СЛОЖНЫЙ ПРОФИЛЬ

ESEMPLI - EXAMPLES - EJEMPLOS - EXEMPLES - ПРИМЕРЫ



2

HW
HSS

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	100	20	30/35/40/50	3
AB	100	25	30/35/40/50	3
AC	100	30	30/35/40/50	3
AD	100	35	30/35/40/50	3
AE	100	40	30/35/40/50	3
AF	100	45	30/35/40/50	3
AG	100	50	30/35/40/50	3
AH	100	55	30/35/40/50	3
AI	100	60	30/35/40/50	3
AK	100	65	30/35/40/50	3
AL	100	70	30/35/40/50	3
AM	100	80	30/35/40/50	3
AN	100	90	30/35/40/50	3
AO	100	100	30/35/40/50	3

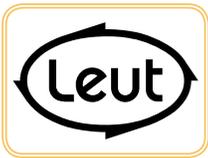
BA	120	20	30/35/40/50	3
BB	120	25	30/35/40/50	3
BC	120	30	30/35/40/50	3
BD	120	35	30/35/40/50	3
BE	120	40	30/35/40/50	3
BF	120	45	30/35/40/50	3
BG	120	50	30/35/40/50	3
BH	120	55	30/35/40/50	3
BI	120	60	30/35/40/50	3
BK	120	65	30/35/40/50	3
BL	120	70	30/35/40/50	3
BM	120	80	30/35/40/50	3
BN	120	90	30/35/40/50	3
BO	120	100	30/35/40/50	3

CA	140	20	30/35/40/50	3
CB	140	25	30/35/40/50	3
CC	140	30	30/35/40/50	3
CD	140	35	30/35/40/50	3
CE	140	40	30/35/40/50	3
CF	140	45	30/35/40/50	3
CG	140	50	30/35/40/50	3
CH	140	55	30/35/40/50	3
CI	140	60	30/35/40/50	3
CK	140	65	30/35/40/50	3
CL	140	70	30/35/40/50	3
CM	140	80	30/35/40/50	3
CN	140	90	30/35/40/50	3
CO	140	100	30/35/40/50	3

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
DA	160	20	30/35/40/50	3
DB	160	25	30/35/40/50	3
DC	160	30	30/35/40/50	3
DD	160	35	30/35/40/50	3
DE	160	40	30/35/40/50	3
DF	160	45	30/35/40/50	3
DG	160	50	30/35/40/50	3
DH	160	55	30/35/40/50	3
DI	160	60	30/35/40/50	3
DK	160	65	30/35/40/50	3
DL	160	70	30/35/40/50	3
DM	160	80	30/35/40/50	3
DN	160	90	30/35/40/50	3
DO	160	100	30/35/40/50	3

EA	180	20	30/35/40/50	3
EB	180	25	30/35/40/50	3
EC	180	30	30/35/40/50	3
ED	180	35	30/35/40/50	3
EE	180	40	30/35/40/50	3
EF	180	45	30/35/40/50	3
EG	180	50	30/35/40/50	3
EH	180	55	30/35/40/50	3
EI	180	60	30/35/40/50	3
EK	180	65	30/35/40/50	3
EL	180	70	30/35/40/50	3
EM	180	80	30/35/40/50	3
EN	180	90	30/35/40/50	3
EO	180	100	30/35/40/50	3

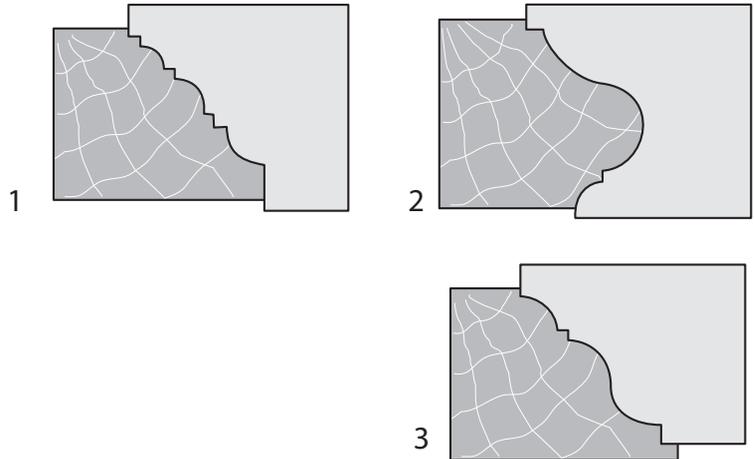
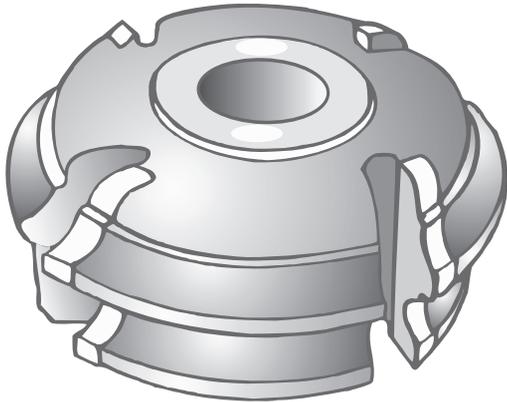
FA	200	20	30/35/40/50	3
FB	200	25	30/35/40/50	3
FC	200	30	30/35/40/50	3
FD	200	35	30/35/40/50	3
FE	200	40	30/35/40/50	3
FF	200	45	30/35/40/50	3
FG	200	50	30/35/40/50	3
FH	200	55	30/35/40/50	3
FI	200	60	30/35/40/50	3
FK	200	65	30/35/40/50	3
FL	200	70	30/35/40/50	3
FM	200	80	30/35/40/50	3
FN	200	90	30/35/40/50	3
FO	200	100	30/35/40/50	3



ART.
307

FRESE SAGOMATE A PROFILO MOLTO COMPLESSO
PROFILE CUTTERS, WITH VERY COMPLEX PROFILE
FRESAS MOLDEADAS DE PERFIL MUY COMPLEJO
FRAISES PROFILÉES À PROFIL TRÈS COMPLEXE
ШАБЛОННЫЕ ФРЕЗЫ - ОЧЕНЬ СЛОЖНЫЙ ПРОФИЛЬ

ESEMPLI - EXAMPLES - EJEMPLOS - EXEMPLES - ПРИМЕРЫ

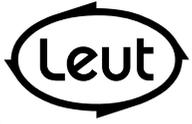


**HW
HSS**

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	100	20	30/35/40/50	4
AB	100	25	30/35/40/50	4
AC	100	30	30/35/40/50	4
AD	100	35	30/35/40/50	4
AE	100	40	30/35/40/50	4
AF	100	45	30/35/40/50	4
AG	100	50	30/35/40/50	4
AH	100	55	30/35/40/50	4
AI	100	60	30/35/40/50	4
AK	100	65	30/35/40/50	4
AL	100	70	30/35/40/50	4
AM	100	80	30/35/40/50	4
AN	100	90	30/35/40/50	4
AO	100	100	30/35/40/50	4
BA	120	20	30/35/40/50	4
BB	120	25	30/35/40/50	4
BC	120	30	30/35/40/50	4
BD	120	35	30/35/40/50	4
BE	120	40	30/35/40/50	4
BF	120	45	30/35/40/50	4
BG	120	50	30/35/40/50	4
BH	120	55	30/35/40/50	4
BI	120	60	30/35/40/50	4
BK	120	65	30/35/40/50	4
BL	120	70	30/35/40/50	4
BM	120	80	30/35/40/50	4
BN	120	90	30/35/40/50	4
BO	120	100	30/35/40/50	4
CA	140	20	30/35/40/50	4
CB	140	25	30/35/40/50	4
CC	140	30	30/35/40/50	4
CD	140	35	30/35/40/50	4
CE	140	40	30/35/40/50	4
CF	140	45	30/35/40/50	4
CG	140	50	30/35/40/50	4
CH	140	55	30/35/40/50	4
CI	140	60	30/35/40/50	4
CK	140	65	30/35/40/50	4
CL	140	70	30/35/40/50	4
CM	140	80	30/35/40/50	4
CN	140	90	30/35/40/50	4
CO	140	100	30/35/40/50	4

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
DA	160	20	30/35/40/50	4
DB	160	25	30/35/40/50	4
DC	160	30	30/35/40/50	4
DD	160	35	30/35/40/50	4
DE	160	40	30/35/40/50	4
DF	160	45	30/35/40/50	4
DG	160	50	30/35/40/50	4
DH	160	55	30/35/40/50	4
DI	160	60	30/35/40/50	4
DK	160	65	30/35/40/50	4
DL	160	70	30/35/40/50	4
DM	160	80	30/35/40/50	4
DN	160	90	30/35/40/50	4
DO	160	100	30/35/40/50	4
EA	180	20	30/35/40/50	4
EB	180	25	30/35/40/50	4
EC	180	30	30/35/40/50	4
ED	180	35	30/35/40/50	4
EE	180	40	30/35/40/50	4
EF	180	45	30/35/40/50	4
EG	180	50	30/35/40/50	4
EH	180	55	30/35/40/50	4
EI	180	60	30/35/40/50	4
EK	180	65	30/35/40/50	4
EL	180	70	30/35/40/50	4
EM	180	80	30/35/40/50	4
EN	180	90	30/35/40/50	4
EO	180	100	30/35/40/50	4
FA	200	20	30/35/40/50	4
FB	200	25	30/35/40/50	4
FC	200	30	30/35/40/50	4
FD	200	35	30/35/40/50	4
FE	200	40	30/35/40/50	4
FF	200	45	30/35/40/50	4
FG	200	50	30/35/40/50	4
FH	200	55	30/35/40/50	4
FI	200	60	30/35/40/50	4
FK	200	65	30/35/40/50	4
FL	200	70	30/35/40/50	4
FM	200	80	30/35/40/50	4
FN	200	90	30/35/40/50	4
FO	200	100	30/35/40/50	4

2



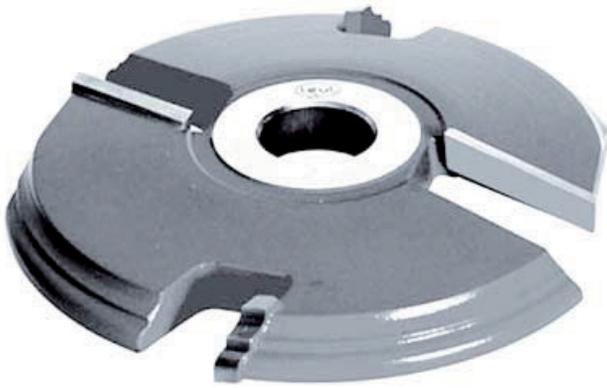
ART.
355

FRESE PER PIATTABANDE SPECIALI A PROFILO SEMPLICE DIRITTO
CUTTERS FOR SPECIAL SIMPLE STRIGHT PROFILE PLATS BAND
FRESAS PARA PLATABANDAS ESPECIALES DE PERFIL SIMPLE RECTO
FRAISES POUR PLATES-BANDES SPÉCIALES À PROFIL SIMPLE DROIT
СПЕЦИАЛЬНЫЕ ФРЕЗЫ ДЛЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ ПРОСТОГО, ПРЯМОГО ПРОФИЛЯ

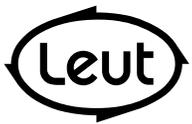
55



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	180	30	30/35/40/50	2	2
BA	200	30	30/35/40/50	2	2
CA	220	30	30/35/40/50	2	2
DA	250	30	30/35/40/50	2	2



2



ART.
311

FRESE PER PIATTABANDE SPECIALI A PROFILO SEMPLICE DIRITTO
CUTTERS FOR SPECIAL SIMPLE STRIGHT PROFILE PLATS BAND
FRESAS PARA PLATABANDAS ESPECIALES DE PERFIL SIMPLE RECTO
FRAISES POUR PLATES-BANDES SPÉCIALES À PROFIL SIMPLE DROIT
СПЕЦИАЛЬНЫЕ ФРЕЗЫ ДЛЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ ПРОСТОГО, ПРЯМОГО ПРОФИЛЯ



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	180	30	30/35/40/50	3	3
BA	200	30	30/35/40/50	3	3
CA	220	30	30/35/40/50	3	3
DA	250	30	30/35/40/50	3	3





ART.
383

FRESE PER PIATTABANDE SPECIALI A PROFILO SEMPLICE SAGOMATO
CUTTERS FOR SPECIAL SIMPLE SHAPED PROFILE PLATSBAND
FRESAS PARA PLATABANDAS ESPECIALES DE PERFIL SIMPLE MOLDEADO
FRAISES POUR PLATES-BANDES SPÉCIALES À PROFIL SIMPLE FAÇONNÉ
СПЕЦИАЛЬНЫЕ ФРЕЗЫ ДЛЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ ПРОСТОГО, ПРЯМОГО ПРОФИЛЯ

56

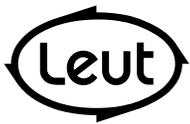


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	180	30	30/35/40/50	2	2
BA	200	30	30/35/40/50	2	2
CA	220	30	30/35/40/50	2	2
DA	250	30	30/35/40/50	2	2



2



ART.
351

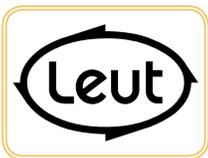
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CUTTERS FOR SPECIAL SIMPLE SHAPED PROFILE PLATSBAND
FRESAS PARA PLATABANDAS ESPECIALES DE PERFIL SIMPLE MOLDEADO
FRAISES POUR PLATES-BANDES SPÉCIALES À PROFIL SIMPLE FAÇONNÉ
СПЕЦИАЛЬНЫЕ ФРЕЗЫ ДЛЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ ПРОСТОГО, ПРЯМОГО ПРОФИЛЯ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	180	30	30/35/40/50	3	3
BA	200	30	30/35/40/50	3	3
CA	220	30	30/35/40/50	3	3
DA	250	30	30/35/40/50	3	3





ART.
331

FRESE PER PIATTABANDE SPECIALI A PROFILO COMPLESSO SAGOMATO
CUTTERS FOR SPECIAL COMPLEX SHAPED PROFILE PLATS BAND
FRESAS PARA PLATABANDAS ESPECIALES DE PERFIL COMPLEJO MOLDEADO
FRAISES POUR PLATES-BANDES SPÉCIALES À PROFIL COMPLEXE FAÇONNÉ
СПЕЦИАЛЬНЫЕ ФРЕЗЫ ДЛЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ СЛОЖНОГО, ШАБЛОННОГО ПРОФИЛЯ

57

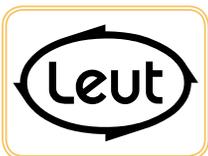


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	180	30	30/35/40/50	2	2
BA	200	30	30/35/40/50	2	2
CA	220	30	30/35/40/50	2	2
DA	250	30	30/35/40/50	2	2



2



ART.
367

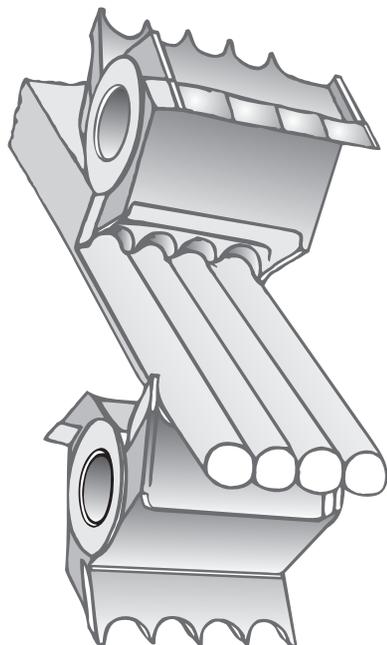
FRESE PER PIATTABANDE SPECIALI A PROFILO COMPLESSO SAGOMATO
CUTTERS FOR SPECIAL COMPLEX SHAPED PROFILE PLATS BAND
FRESAS PARA PLATABANDAS ESPECIALES DE PERFIL COMPLEJO MOLDEADO
FRAISES POUR PLATES-BANDES SPÉCIALES À PROFIL COMPLEXE FAÇONNÉ
СПЕЦИАЛЬНЫЕ ФРЕЗЫ ДЛЯ ФИЛЁНЧАТЫХ ДВЕРЕЙ СЛОЖНОГО, ШАБЛОННОГО ПРОФИЛЯ



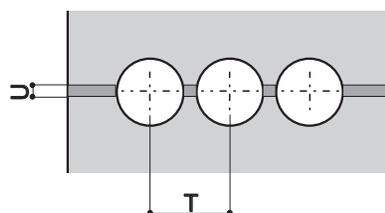
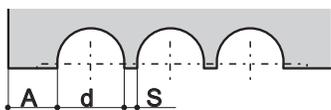
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	180	30	30/35/40/50	3	3
BA	200	30	30/35/40/50	3	3
CA	220	30	30/35/40/50	3	3
DA	250	30	30/35/40/50	3	3



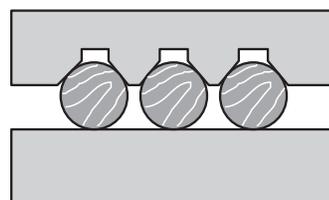
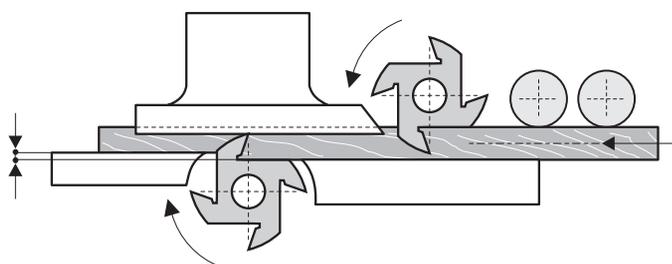

**HW
HSS**

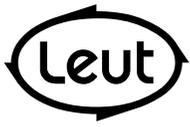
CODICE CODE	D (mm)	d (Ø mm)	S (mm)	T (mm)	A (mm)
AA	120	6	1	7	4
AB	120	8	1	9	4
AC	120	10	1	11	5
AE	120	12	1.5	13.5	5
AF	120	14	1.5	15.5	5
AG	120	16	1.5	17.5	5
AH	140	18	1.5	19.5	5
AI	140	20	2	22	5
AK	140	22	2	24	7
AL	160	25	2	27	7
AM	160	28	2	30	7



N°BASTONCINI N° STICKS	SPESSORE FRESA TOOL THICKNESS	Ø 6	Ø 8	Ø 10	Ø 12	Ø 14	Ø 16	Ø 18	Ø 20	Ø 22	Ø 25	Ø 28
2	120	28	34	42	49	55	61	67	74	84	92	102
3	120	35	43	53	62.5	70.5	78.5	86.5	96	108	120	137
4	120	42	52	64	76	86	96	106	118	132	147	
5	120	49	61	75	89.5	101.5	113.5	125.5	140			
6	120	56	70	86	108	117	131					
7	120	63	79	97	116.5							
8	140	70	88	108								
9	140	77	97	119								

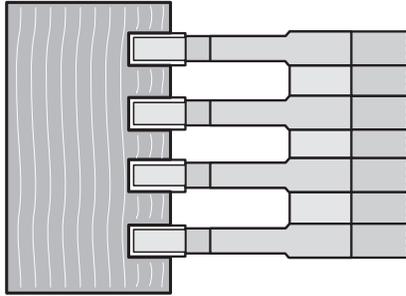
METODO DI IMPIEGO CON GUIDE IN USCITA
 INSTRUCTION WITH GUIDES OUT
 METODO DE EMPLEO CON GUIAS EN SALIDA
 MODE D'EMPLOI AVEC LES GUIDES EN DEHORS
 МЕТОД ОБРАБОТКИ С УПРАВЛЕНИЕМ НА ВЫХОДЕ





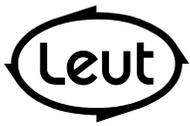
ART.
283

FRESE PER INCASTRI (Misure speciali extracatalogo)
GROOVING CUTTERS (Special mesasures not in catalogue)
FRESAS PARA EMPALMES (Medidas especiales fuera de catalogo)
FRAISES POUR EMBOÎTEMENTS (Mesures spéciales hors catalogue)
ПАЗОВЫЕ ФРЕЗЫ (специальные размеры в экстра каталоге)



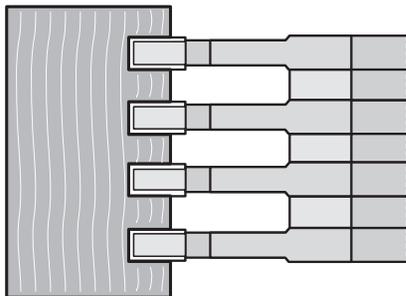
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	80	6	30/35/40/50	3
AB	80	10	30/35/40/50	3
AC	80	14	30/35/40/50	3
AD	80	16	30/35/40/50	3
AE	80	20	30/35/40/50	3
BA	130	6	30/35/40/50	3
BB	130	10	30/35/40/50	3
BC	130	14	30/35/40/50	3
BD	130	16	30/35/40/50	3
BE	130	20	30/35/40/50	3
CA	180	6	30/35/40/50	3
CB	180	10	30/35/40/50	3
CC	180	14	30/35/40/50	3
CD	180	16	30/35/40/50	3
CE	180	20	30/35/40/50	3
DA	250	6	30/35/40/50	3
DB	250	10	30/35/40/50	3
DC	250	14	30/35/40/50	3
DD	250	16	30/35/40/50	3
DE	250	20	30/35/40/50	3
EA	330	6	30/35/40/50	3
EB	330	10	30/35/40/50	3
EC	330	14	30/35/40/50	3
ED	330	16	30/35/40/50	3
EE	330	20	30/35/40/50	3

2

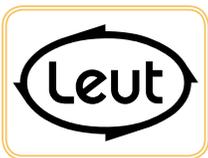


ART.
251

FRESE PER INCASTRI (Misure speciali extracatalogo)
GROOVING CUTTERS (Special mesasures not in catalogue)
FRESAS PARA EMPALMES (Medidas especiales fuera de catalogo)
FRAISES POUR EMBOÎTEMENTS (Mesures spéciales hors catalogue)
ПАЗОВЫЕ ФРЕЗЫ (специальные размеры в экстра каталоге)



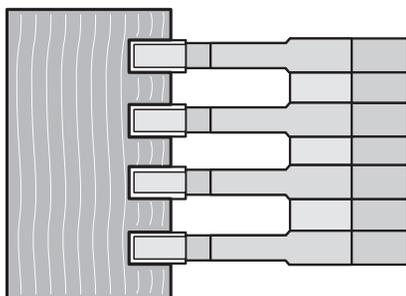
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	80	6	30/35/40/50	4
AB	80	10	30/35/40/50	4
AC	80	14	30/35/40/50	4
AD	80	16	30/35/40/50	4
AE	80	20	30/35/40/50	4
BA	130	6	30/35/40/50	4
BB	130	10	30/35/40/50	4
BC	130	14	30/35/40/50	4
BD	130	16	30/35/40/50	4
BE	130	20	30/35/40/50	4
CA	180	6	30/35/40/50	4
CB	180	10	30/35/40/50	4
CC	180	14	30/35/40/50	4
CD	180	16	30/35/40/50	4
CE	180	20	30/35/40/50	4
DA	250	6	30/35/40/50	4
DB	250	10	30/35/40/50	4
DC	250	14	30/35/40/50	4
DD	250	16	30/35/40/50	4
DE	250	20	30/35/40/50	4
EA	330	6	30/35/40/50	4
EB	330	10	30/35/40/50	4
EC	330	14	30/35/40/50	4
ED	330	16	30/35/40/50	4
EE	330	20	30/35/40/50	4



ART.
271

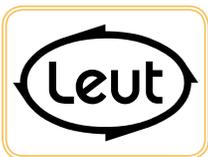
FRESE PER INCASTRI (Misure speciali extracatalogo)
GROOVING CUTTERS (Special mesasures not in catalogue)
FRESAS PARA EMPALMES (Medidas especiales fuera de catalogo)
FRAISES POUR EMBOÎTEMENTS (Mesures spéciales hors catalogue)
ПАЗОВЫЕ ФРЕЗЫ (специальные размеры в экстра каталоге)

60



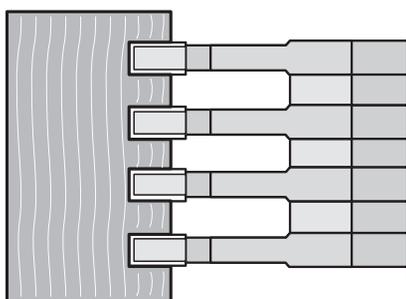
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	80	6	30/35/40/50	6
AB	80	10	30/35/40/50	6
AC	80	14	30/35/40/50	6
AD	80	16	30/35/40/50	6
AE	80	20	30/35/40/50	6
BA	130	6	30/35/40/50	6
BB	130	10	30/35/40/50	6
BC	130	14	30/35/40/50	6
BD	130	16	30/35/40/50	6
BE	130	20	30/35/40/50	6
CA	180	6	30/35/40/50	6
CB	180	10	30/35/40/50	6
CC	180	14	30/35/40/50	6
CD	180	16	30/35/40/50	6
CE	180	20	30/35/40/50	6
DA	250	6	30/35/40/50	6
DB	250	10	30/35/40/50	6
DC	250	14	30/35/40/50	6
DD	250	16	30/35/40/50	6
DE	250	20	30/35/40/50	6
EA	330	6	30/35/40/50	6
EB	330	10	30/35/40/50	6
EC	330	14	30/35/40/50	6
ED	330	16	30/35/40/50	6
EE	330	20	30/35/40/50	6

2

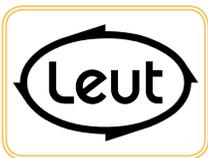


ART.
235

FRESE PER INCASTRI (Misure speciali extracatalogo)
GROOVING CUTTERS (Special mesasures not in catalogue)
FRESAS PARA EMPALMES (Medidas especiales fuera de catalogo)
FRAISES POUR EMBOÎTEMENTS (Mesures spéciales hors catalogue)
ПАЗОВЫЕ ФРЕЗЫ (специальные размеры в экстра каталоге)



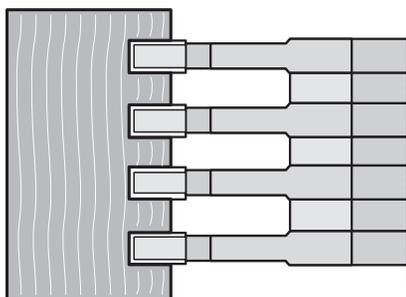
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	130	6	30/35/40/50	8
AB	130	10	30/35/40/50	8
AC	130	14	30/35/40/50	8
AD	130	16	30/35/40/50	8
AE	130	20	30/35/40/50	8
BA	180	6	30/35/40/50	8
BB	180	10	30/35/40/50	8
BC	180	14	30/35/40/50	8
BD	180	16	30/35/40/50	8
BE	180	20	30/35/40/50	8
CA	250	6	30/35/40/50	8
CB	250	10	30/35/40/50	8
CC	250	14	30/35/40/50	8
CD	250	16	30/35/40/50	8
CE	250	20	30/35/40/50	8
DA	330	6	30/35/40/50	8
DB	330	10	30/35/40/50	8
DC	330	14	30/35/40/50	8
DD	330	16	30/35/40/50	8
DE	330	20	30/35/40/50	8



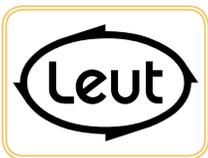
ART.
291

FRESE PER INCASTRI (Misure speciali extracatalogo)
GROOVING CUTTERS (Special measures not in catalogue)
FRESAS PARA EMPALMES (Medidas especiales fuera de catalogo)
FRAISES POUR EMBOÏTEMENTS (Mesures spéciales hors catalogue)
ПАЗОВЫЕ ФРЕЗЫ (специальные размеры в экстра каталоге)

61



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	130	6	30/35/40/50	12
AB	130	10	30/35/40/50	12
AC	130	14	30/35/40/50	12
AD	130	16	30/35/40/50	12
AE	130	20	30/35/40/50	12
BA	180	6	30/35/40/50	12
BB	180	10	30/35/40/50	12
BC	180	14	30/35/40/50	12
BD	180	16	30/35/40/50	12
BE	180	20	30/35/40/50	12
CA	250	6	30/35/40/50	12
CB	250	10	30/35/40/50	12
CC	250	14	30/35/40/50	12
CD	250	16	30/35/40/50	12
CE	250	20	30/35/40/50	12
DA	330	6	30/35/40/50	12
DB	330	10	30/35/40/50	12
DC	330	14	30/35/40/50	12
DD	330	16	30/35/40/50	12
DE	330	20	30/35/40/50	12



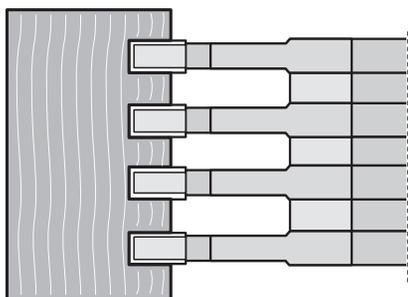
ART.
263

FRESE PER INCASTRI (Misure speciali extracatalogo)
GROOVING CUTTERS (Special measures not in catalogue)
FRESAS PARA EMPALMES (Medidas especiales fuera de catalogo)
FRAISES POUR EMBOÏTEMENTS (Mesures spéciales hors catalogue)
ПАЗОВЫЕ ФРЕЗЫ (специальные размеры в экстра каталоге)

62

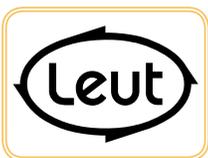


HW



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	180	6	30/35/40/50	18
AB	180	10	30/35/40/50	18
AC	180	14	30/35/40/50	18
AD	180	16	30/35/40/50	18
AE	180	20	30/35/40/50	18
BA	250	6	30/35/40/50	18
BB	250	10	30/35/40/50	18
BC	250	14	30/35/40/50	18
BD	250	16	30/35/40/50	18
BE	250	20	30/35/40/50	18
CA	330	6	30/35/40/50	18
CB	330	10	30/35/40/50	18
CC	330	14	30/35/40/50	18
CD	330	16	30/35/40/50	18
CE	330	20	30/35/40/50	18

2

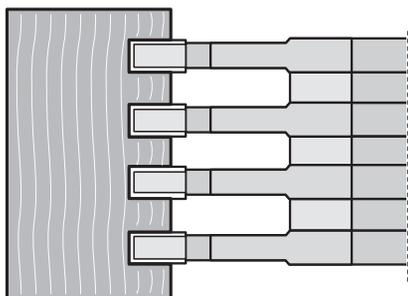


ART.
247

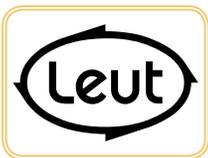
FRESE PER INCASTRI (Misure speciali extracatalogo)
GROOVING CUTTERS (Special measures not in catalogue)
FRESAS PARA EMPALMES (Medidas especiales fuera de catalogo)
FRAISES POUR EMBOÏTEMENTS (Mesures spéciales hors catalogue)
ПАЗОВЫЕ ФРЕЗЫ (специальные размеры в экстра каталоге)



HW



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	180	6	30/35/40/50	24
AB	180	10	30/35/40/50	24
AC	180	14	30/35/40/50	24
AD	180	16	30/35/40/50	24
AE	180	20	30/35/40/50	24
BA	250	6	30/35/40/50	24
BB	250	10	30/35/40/50	24
BC	250	14	30/35/40/50	24
BD	250	16	30/35/40/50	24
BE	250	20	30/35/40/50	24
CA	330	6	30/35/40/50	24
CB	330	10	30/35/40/50	24
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CD	330	16	30/35/40/50	24
CE	330	20	30/35/40/50	24



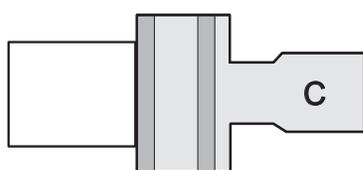
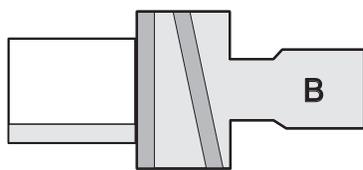
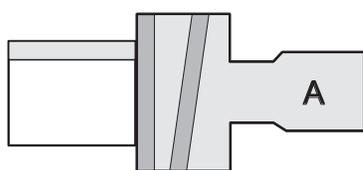
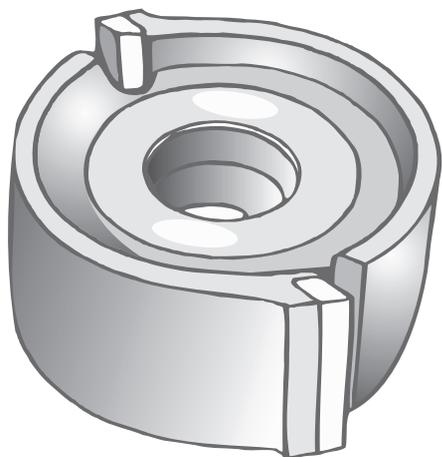
ART.
500

FRESE PER SPIANARE
PLANING CUTTERS
FRESAS PARA ALLANAR
FRAISES POUR APLANIR
ФРЕЗЫ ДЛЯ ВЫРАВНИВАНИЙ

63



HW
HSS



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
CC	120	20	30/35/40/50	2
CD	120	25	30/35/40/50	2
CE	120	30	30/35/40/50	2
CF	120	35	30/35/40/50	2
CG	120	40	30/35/40/50	2
CH	120	45	30/35/40/50	2
CI	120	50	30/35/40/50	2
CK	120	60	30/35/40/50	2
CL	120	70	30/35/40/50	2
CM	120	80	30/35/40/50	2
CN	120	90	30/35/40/50	2
CO	120	100	30/35/40/50	2

DC	140	20	30/35/40/50	2
DD	140	25	30/35/40/50	2
DE	140	30	30/35/40/50	2
DF	140	35	30/35/40/50	2
DG	140	40	30/35/40/50	2
DH	140	45	30/35/40/50	2
DI	140	50	30/35/40/50	2
DK	140	60	30/35/40/50	2
DL	140	70	30/35/40/50	2
DM	140	80	30/35/40/50	2
DN	140	90	30/35/40/50	2
DO	140	100	30/35/40/50	2

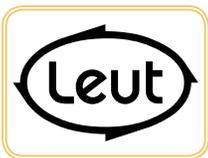
EC	160	20	30/35/40/50	2
ED	160	25	30/35/40/50	2
EE	160	30	30/35/40/50	2
EF	160	35	30/35/40/50	2
EG	160	40	30/35/40/50	2
EH	160	45	30/35/40/50	2
EI	160	50	30/35/40/50	2
EK	160	60	30/35/40/50	2
EL	160	70	30/35/40/50	2
EM	160	80	30/35/40/50	2
EN	160	90	30/35/40/50	2
EO	160	100	30/35/40/50	2

FC	180	20	30/35/40/50	2
FD	180	25	30/35/40/50	2
FE	180	30	30/35/40/50	2
FF	180	35	30/35/40/50	2
FG	180	40	30/35/40/50	2
FH	180	45	30/35/40/50	2
FI	180	50	30/35/40/50	2
FK	180	60	30/35/40/50	2
FL	180	70	30/35/40/50	2
FM	180	80	30/35/40/50	2
FN	180	90	30/35/40/50	2
FO	180	100	30/35/40/50	2

GC	200	20	30/35/40/50	2
GD	200	25	30/35/40/50	2
GE	200	30	30/35/40/50	2
GF	200	35	30/35/40/50	2
GG	200	40	30/35/40/50	2
GH	200	45	30/35/40/50	2
GI	200	50	30/35/40/50	2
GK	200	60	30/35/40/50	2
GL	200	70	30/35/40/50	2
GM	200	80	30/35/40/50	2
GN	200	90	30/35/40/50	2
GO	200	100	30/35/40/50	2

SULL'ORDINE SPECIFICARE IL TIPO
IN THE ORDER PLEASE SPECIFY TYPE
EN EL PEDIDO INDICASE EL TIPO
SUR LA COMMANDE SPÉCIFIER LE TYPE
В ЗАЯВКЕ УКАЗЫВАТЬ ВИД

2



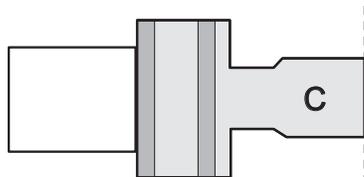
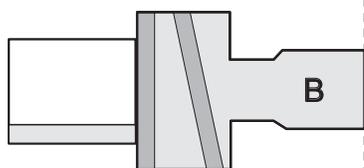
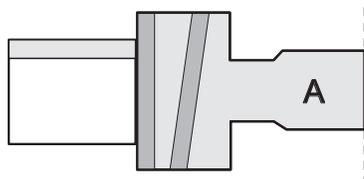
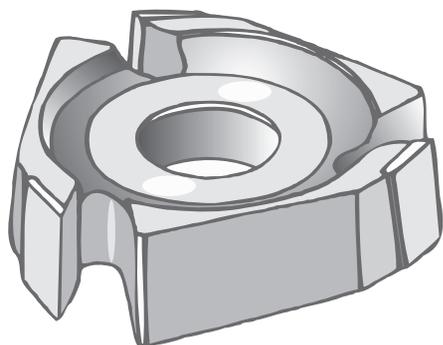
ART.
595

FRESE PER SPIANARE
PLANING CUTTERS
FRESAS PARA ALLANAR
FRAISES POUR APLANIR
ФРЕЗЫ ДЛЯ ВЫРАВНИВАНИЙ

64



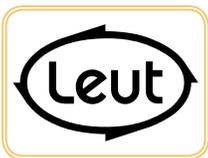
HW
HSS



SULL'ORDINE SPECIFICARE IL TIPO
IN THE ORDER PLEASE SPECIFY TYPE
EN EL PEDIDO INDICASE EL TIPO
SUR LA COMMANDE SPÉCIFIER LE TYPE
В ЗАЯВКЕ УКАЗЫВАТЬ ВИД

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
CC	120	20	30/35/40/50	3
CD	120	25	30/35/40/50	3
CE	120	30	30/35/40/50	3
CF	120	35	30/35/40/50	3
CG	120	40	30/35/40/50	3
CH	120	45	30/35/40/50	3
CI	120	50	30/35/40/50	3
CK	120	60	30/35/40/50	3
CL	120	70	30/35/40/50	3
CM	120	80	30/35/40/50	3
CN	120	90	30/35/40/50	3
CO	120	100	30/35/40/50	3
DC	140	20	30/35/40/50	3
DD	140	25	30/35/40/50	3
DE	140	30	30/35/40/50	3
DF	140	35	30/35/40/50	3
DG	140	40	30/35/40/50	3
DH	140	45	30/35/40/50	3
DI	140	50	30/35/40/50	3
DK	140	60	30/35/40/50	3
DL	140	70	30/35/40/50	3
DM	140	80	30/35/40/50	3
DN	140	90	30/35/40/50	3
DO	140	100	30/35/40/50	3
EC	160	20	30/35/40/50	3
ED	160	25	30/35/40/50	3
EE	160	30	30/35/40/50	3
EF	160	35	30/35/40/50	3
EG	160	40	30/35/40/50	3
EH	160	45	30/35/40/50	3
EI	160	50	30/35/40/50	3
EK	160	60	30/35/40/50	3
EL	160	70	30/35/40/50	3
EM	160	80	30/35/40/50	3
EN	160	90	30/35/40/50	3
EO	160	100	30/35/40/50	3
FC	180	20	30/35/40/50	3
FD	180	25	30/35/40/50	3
FE	180	30	30/35/40/50	3
FF	180	35	30/35/40/50	3
FG	180	40	30/35/40/50	3
FH	180	45	30/35/40/50	3
FI	180	50	30/35/40/50	3
FK	180	60	30/35/40/50	3
FL	180	70	30/35/40/50	3
FM	180	80	30/35/40/50	3
FN	180	90	30/35/40/50	3
FO	180	100	30/35/40/50	3
GC	200	20	30/35/40/50	3
GD	200	25	30/35/40/50	3
GE	200	30	30/35/40/50	3
GF	200	35	30/35/40/50	3
GG	200	40	30/35/40/50	3
GH	200	45	30/35/40/50	3
GI	200	50	30/35/40/50	3
GK	200	60	30/35/40/50	3
GL	200	70	30/35/40/50	3
GM	200	80	30/35/40/50	3
GN	200	90	30/35/40/50	3
GO	200	100	30/35/40/50	3

2



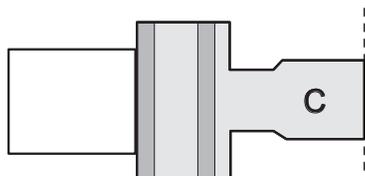
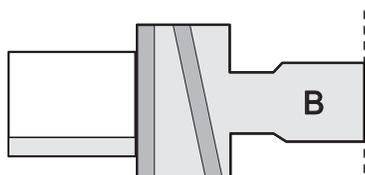
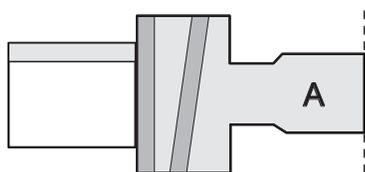
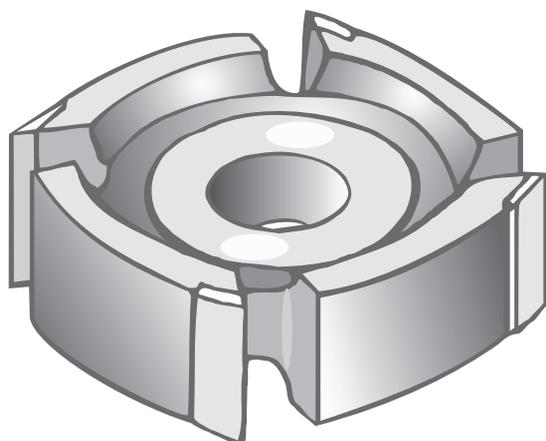
ART.
563

FRESE PER SPIANARE
PLANING CUTTERS
FRESAS PARA ALLANAR
FRAISES POUR APLANIR
ФРЕЗЫ ДЛЯ ВЫРАВНИВАНИЙ

65



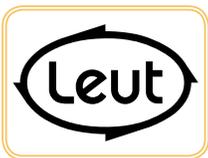
HW
HSS



2

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
CC	120	20	30/35/40/50	4
CD	120	25	30/35/40/50	4
CE	120	30	30/35/40/50	4
CF	120	35	30/35/40/50	4
CG	120	40	30/35/40/50	4
CH	120	45	30/35/40/50	4
CI	120	50	30/35/40/50	4
CK	120	60	30/35/40/50	4
CL	120	70	30/35/40/50	4
CM	120	80	30/35/40/50	4
CN	120	90	30/35/40/50	4
CO	120	100	30/35/40/50	4
DC	140	20	30/35/40/50	4
DD	140	25	30/35/40/50	4
DE	140	30	30/35/40/50	4
DF	140	35	30/35/40/50	4
DG	140	40	30/35/40/50	4
DH	140	45	30/35/40/50	4
DI	140	50	30/35/40/50	4
DK	140	60	30/35/40/50	4
DL	140	70	30/35/40/50	4
DM	140	80	30/35/40/50	4
DN	140	90	30/35/40	4
DO	140	100	30/35/40	4
EC	160	20	30/35/40/50	4
ED	160	25	30/35/40/50	4
EE	160	30	30/35/40/50	4
EF	160	35	30/35/40/50	4
EG	160	40	30/35/40/50	4
EH	160	45	30/35/40/50	4
EI	160	50	30/35/40/50	4
EK	160	60	30/35/40/50	4
EL	160	70	30/35/40/50	4
EM	160	80	30/35/40/50	4
EN	160	90	30/35/40/50	4
EO	160	100	30/35/40/50	4
FC	180	20	30/35/40/50	4
FD	180	25	30/35/40/50	4
FE	180	30	30/35/40/50	4
FF	180	35	30/35/40/50	4
FG	180	40	30/35/40/50	4
FH	180	45	30/35/40/50	4
FI	180	50	30/35/40/50	4
FK	180	60	30/35/40/50	4
FL	180	70	30/35/40/50	4
FM	180	80	30/35/40/50	4
FN	180	90	30/35/40/50	4
FO	180	100	30/35/40/50	4
GC	200	20	30/35/40/50	4
GD	200	25	30/35/40/50	4
GE	200	30	30/35/40/50	4
GF	200	35	30/35/40/50	4
GG	200	40	30/35/40/50	4
GH	200	45	30/35/40/50	4
GI	200	50	30/35/40/50	4
GK	200	60	30/35/40/50	4
GL	200	70	30/35/40/50	4
GM	200	80	30/35/40/50	4
GN	200	90	30/35/40/50	4
GO	200	100	30/35/40/50	4

SULL'ORDINE SPECIFICARE IL TIPO
 IN THE ORDER PLEASE SPECIFY TYPE
 EN EL PEDIDO INDICASE EL TIPO
 SUR LA COMMANDE SPÉCIFIER LE TYPE
 В ЗАЯВКЕ УКАЗЫВАТЬ ВИД



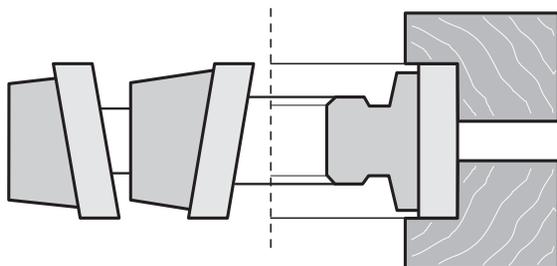
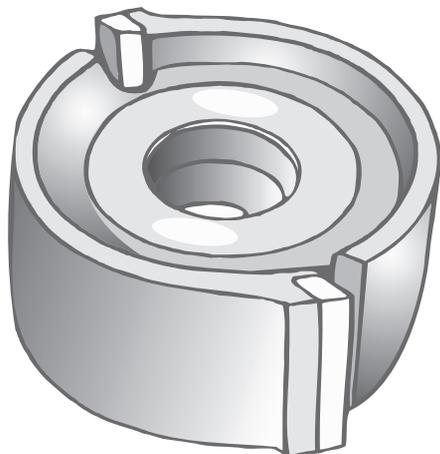
ART.
555

FRESE PER BATTUTE
CUTTERS FOR DOORSTOPS
FRESAS PARA TOPES DE PUERTA
FRAISES POUR PAS DE PORTE
ФРЕЗЫ ДЛЯ ДВЕРИ (положение «закрото»)

66



HW
HSS



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
CC	120	20	30/35/40	2
CD	120	25	30/35/40	2
CE	120	30	30/35/40	2
CF	120	35	30/35/40	2
CG	120	40	30/35/40	2
CH	120	45	30/35/40	2
CI	120	50	30/35/40	2
CK	120	60	30/35/40	2
CL	120	70	30/35/40	2
CM	120	80	30/35/40	2
CN	120	90	30/35/40	2
CO	120	100	30/35/40	2

DC	140	20	30/35/40	2
DD	140	25	30/35/40	2
DE	140	30	30/35/40	2
DF	140	35	30/35/40	2
DG	140	40	30/35/40	2
DH	140	45	30/35/40	2
DI	140	50	30/35/40	2
DK	140	60	30/35/40	2
DL	140	70	30/35/40	2
DM	140	80	30/35/40	2
DN	140	90	30/35/40	2
DO	140	100	30/35/40	2

EC	160	20	30/35/40	2
ED	160	25	30/35/40	2
EE	160	30	30/35/40	2
EF	160	35	30/35/40	2
EG	160	40	30/35/40	2
EH	160	45	30/35/40	2
EI	160	50	30/35/40	2
EK	160	60	30/35/40	2
EL	160	70	30/35/40	2
EM	160	80	30/35/40	2
EN	160	90	30/35/40	2
EO	160	100	30/35/40	2

FC	180	20	30/35/40	2
FD	180	25	30/35/40	2
FE	180	30	30/35/40	2
FF	180	35	30/35/40	2
FG	180	40	30/35/40	2
FH	180	45	30/35/40	2
FI	180	50	30/35/40	2
FK	180	60	30/35/40	2
FL	180	70	30/35/40	2
FM	180	80	30/35/40	2
FN	180	90	30/35/40	2
FO	180	100	30/35/40	2

GC	200	20	30/35/40	2
GD	200	25	30/35/40	2
GE	200	30	30/35/40	2
GF	200	35	30/35/40	2
GG	200	40	30/35/40	2
GH	200	45	30/35/40	2
GI	200	50	30/35/40	2
GK	200	60	30/35/40	2
GL	200	70	30/35/40	2
GM	200	80	30/35/40	2
GN	200	90	30/35/40	2
GO	200	100	30/35/40	2

2



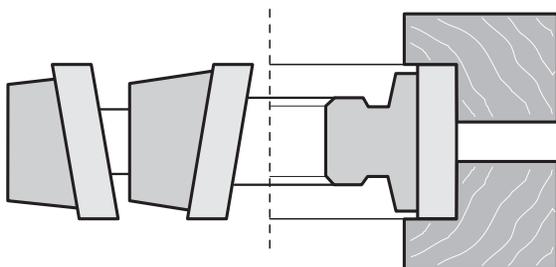
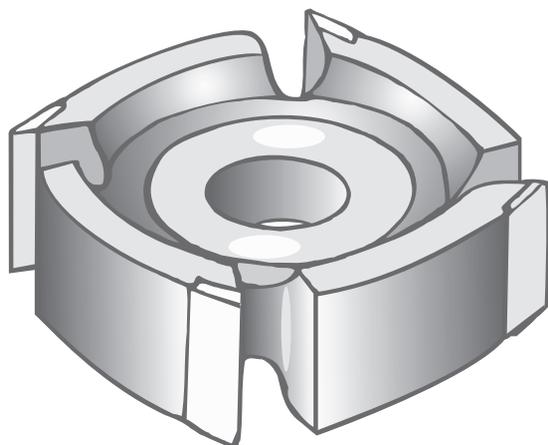
ART.
591

FRESE PER BATTUTE
CUTTERS FOR DOORSTOPS
FRESAS PARA TOPES DE PUERTA
FRAISES POUR PAS DE PORTE
ФРЕЗЫ ДЛЯ ДВЕРИ (положение «закрыто»)

67

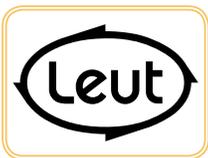


HW
HSS



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
CC	120	20	30/35/40/50	4
CD	120	25	30/35/40/50	4
CE	120	30	30/35/40/50	4
CF	120	35	30/35/40/50	4
CG	120	40	30/35/40/50	4
CH	120	45	30/35/40/50	4
CI	120	50	30/35/40/50	4
CK	120	60	30/35/40/50	4
CL	120	70	30/35/40/50	4
CM	120	80	30/35/40/50	4
CN	120	90	30/35/40/50	4
CO	120	100	30/35/40/50	4
DC	140	20	30/35/40/50	4
DD	140	25	30/35/40/50	4
DE	140	30	30/35/40/50	4
DF	140	35	30/35/40/50	4
DG	140	40	30/35/40/50	4
DH	140	45	30/35/40/50	4
DI	140	50	30/35/40/50	4
DK	140	60	30/35/40/50	4
DL	140	70	30/35/40/50	4
DM	140	80	30/35/40/50	4
DN	140	90	30/35/40/50	4
DO	140	100	30/35/40/50	4
EC	160	20	30/35/40/50	4
ED	160	25	30/35/40/50	4
EE	160	30	30/35/40/50	4
EF	160	35	30/35/40/50	4
EG	160	40	30/35/40/50	4
EH	160	45	30/35/40/50	4
EI	160	50	30/35/40/50	4
EK	160	60	30/35/40/50	4
EL	160	70	30/35/40/50	4
EM	160	80	30/35/40/50	4
EN	160	90	30/35/40/50	4
EO	160	100	30/35/40/50	4
FC	180	20	30/35/40/50	4
FD	180	25	30/35/40/50	4
FE	180	30	30/35/40/50	4
FF	180	35	30/35/40/50	4
FG	180	40	30/35/40/50	4
FH	180	45	30/35/40/50	4
FI	180	50	30/35/40/50	4
FK	180	60	30/35/40/50	4
FL	180	70	30/35/40/50	4
FM	180	80	30/35/40/50	4
GC	200	20	30/35/40/50	4
GD	200	25	30/35/40/50	4
GE	200	30	30/35/40/50	4
GF	200	35	30/35/40/50	4
GG	200	40	30/35/40/50	4
GH	200	45	30/35/40/50	4
GI	200	50	30/35/40/50	4
GK	200	60	30/35/40/50	4
GL	200	70	30/35/40/50	4
GM	200	80	30/35/40/50	4
GN	200	90	30/35/40/50	4
GO	200	100	30/35/40/50	4

2



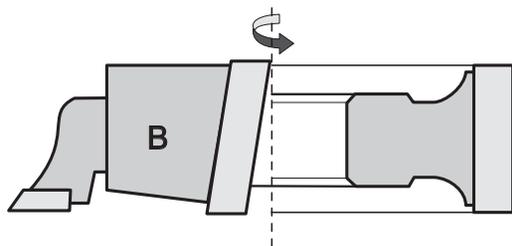
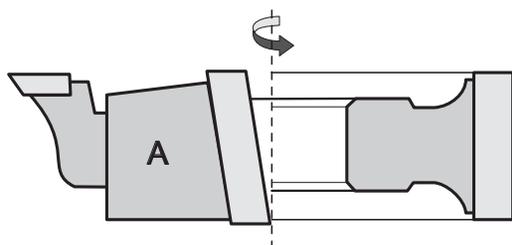
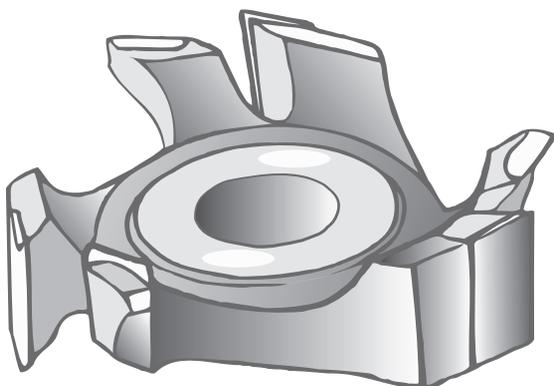
ART.
583

FRESE PER BATTUTE CON RASANTI UNILATERALI
CUTTERS FOR DOORSTOPS WITH ONE WAY SHAVERS
FRESAS PARA TOPES DE PUERTA CON CEPILLOS UNILATERALES
FRAISES POUR PAS DE PORTE AVEC RACLOIRS UNILATÉRAUX
ФРЕЗЫ ДЛЯ ДВЕРИ (положение «закрото») С ОДНОСТОРОННИМ СТРОГАТЕЛЕМ

68



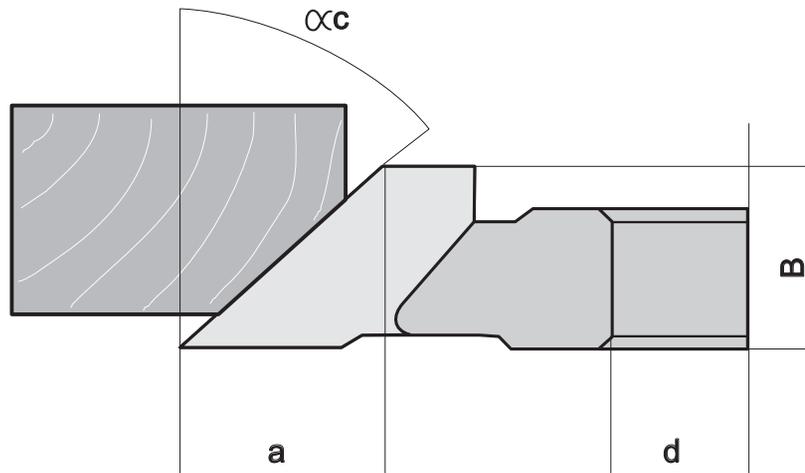
HW
HSS



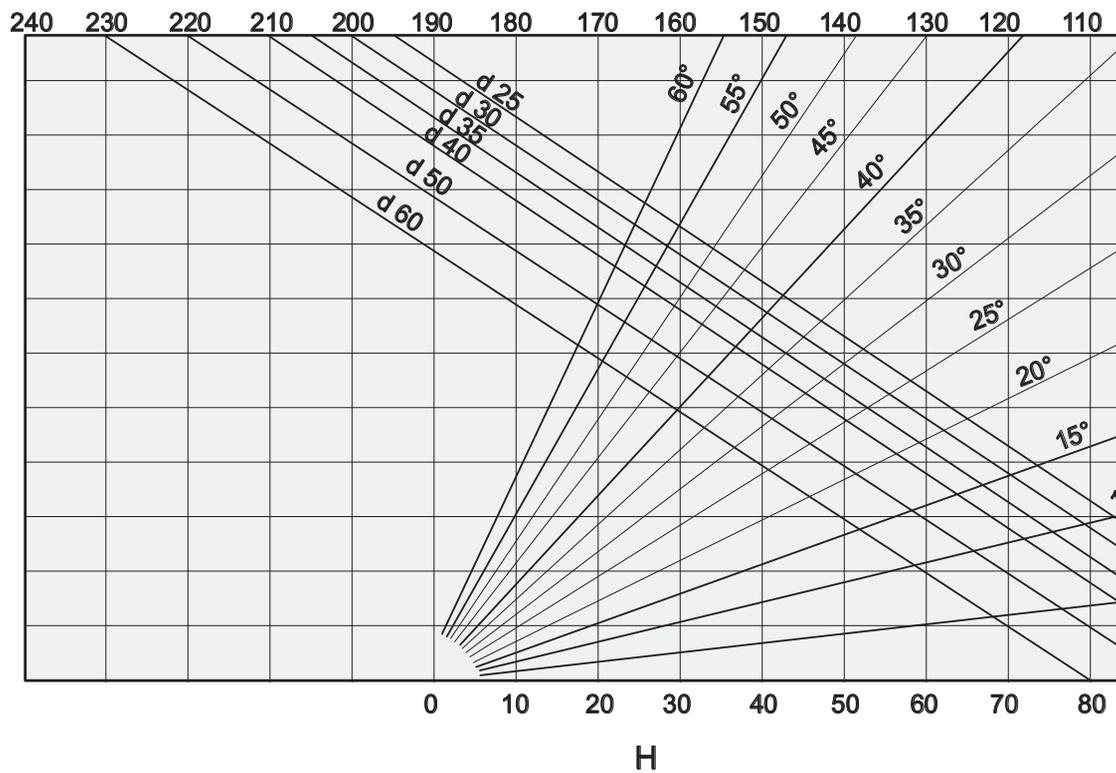
LO STESSO PREZZO SI INTENDE ANCHE PER FRESE Z.4+2
 AT THE SAME PRICE ARE THE Z.4+2 CUTTERS
 EL MISMO PRECIO ES APLICABLE TAMBIEN A FRESAS Z.4+2
 LES FRAISES Z.4+2 SONT AU MÊME PRIX
 ЦЕНА БЕЗ ИЗМЕНЕНИЯ НА ФРЕЗЫ С ЗУБЬЯМИ Z4+2

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
CD	120	25	30/35/40/50	3	3
CE	120	30	30/35/40/50	3	3
CF	120	35	30/35/40/50	3	3
CG	120	40	30/35/40/50	3	3
CH	120	45	30/35/40/50	3	3
CI	120	50	30/35/40/50	3	3
CK	120	60	30/35/40/50	3	3
CL	120	70	30/35/40/50	3	3
CM	120	80	30/35/40/50	3	3
CN	120	90	30/35/40/50	3	3
CO	120	100	30/35/40/50	3	3
DD	140	25	30/35/40/50	3	3
DE	140	30	30/35/40/50	3	3
DF	140	35	30/35/40/50	3	3
DG	140	40	30/35/40/50	3	3
DH	140	45	30/35/40/50	3	3
DI	140	50	30/35/40/50	3	3
DK	140	60	30/35/40/50	3	3
DL	140	70	30/35/40/50	3	3
DM	140	80	30/35/40/50	3	3
DN	140	90	30/35/40/50	3	3
DO	140	100	30/35/40/50	3	3
ED	160	25	30/35/40/50	3	3
EE	160	30	30/35/40/50	3	3
EF	160	35	30/35/40/50	3	3
EG	160	40	30/35/40/50	3	3
EH	160	45	30/35/40/50	3	3
EI	160	50	30/35/40/50	3	3
EK	160	60	30/35/40/50	3	3
EL	160	70	30/35/40/50	3	3
EM	160	80	30/35/40/50	3	3
EN	160	90	30/35/40/50	3	3
EO	160	100	30/35/40/50	3	3
FD	180	25	30/35/40/50	3	3
FE	180	30	30/35/40/50	3	3
FF	180	35	30/35/40/50	3	3
FG	180	40	30/35/40/50	3	3
FH	180	45	30/35/40/50	3	3
FI	180	50	30/35/40/50	3	3
FK	180	60	30/35/40/50	3	3
FL	180	70	30/35/40/50	3	3
FM	180	80	30/35/40/50	3	3
FN	180	90	30/35/40/50	3	3
FO	180	100	30/35/40/50	3	3
GD	200	25	30/35/40/50	3	3
GE	200	30	30/35/40/50	3	3
GF	200	35	30/35/40/50	3	3
GG	200	40	30/35/40/50	3	3
GH	200	45	30/35/40/50	3	3
GI	200	50	30/35/40/50	3	3
GK	200	60	30/35/40/50	3	3
GL	200	70	30/35/40/50	3	3
GM	200	80	30/35/40/50	3	3
GN	200	90	30/35/40/50	3	3
GO	200	100	30/35/40/50	3	3

2

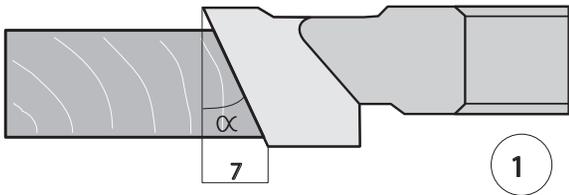


- Diagramma per stabilire il diametro (D) in base all'inclinazione, allo spessore (B), e al foro (d)
- Diagram to stay diameter (D), as regards inclination, thickness (B), and hole (d)
- Diagrama para establecer el diámetro (D), según el pendiente, espesor (B), y agujero (d)
- Diagramme pour établir le diamètre (D) par rapport à l'inclinaison, l'épaisseur (B), et l'alésage (d)

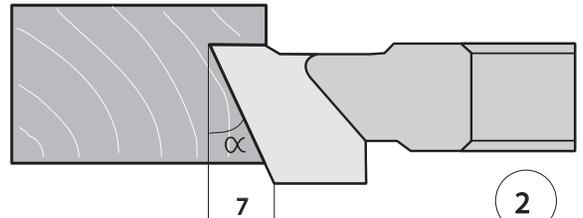




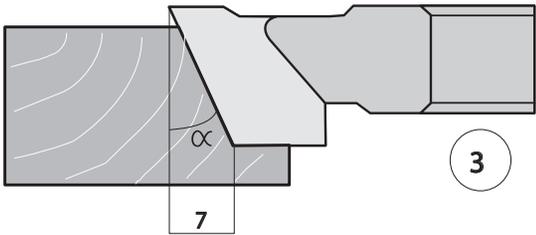
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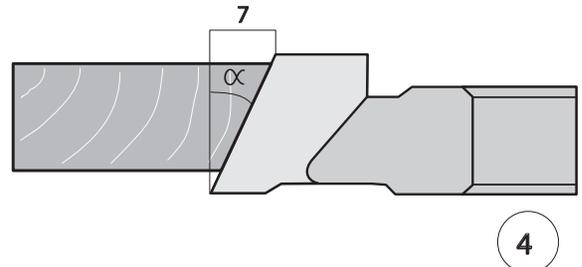
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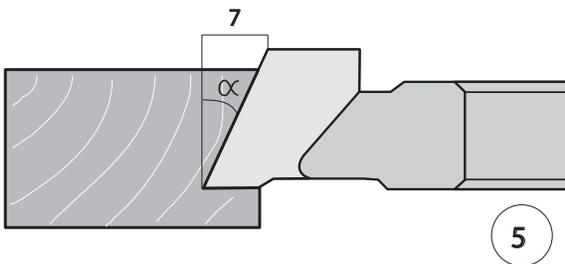
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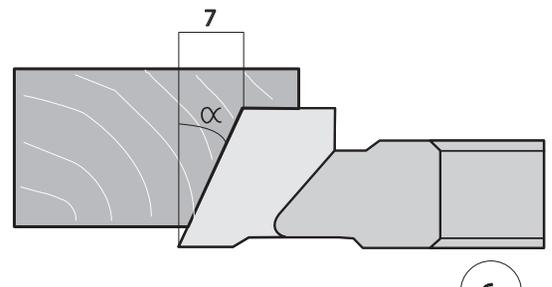
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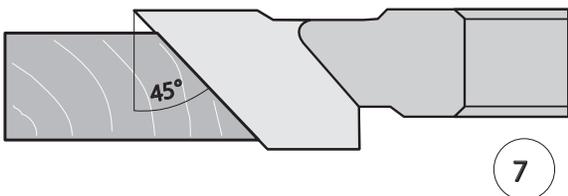
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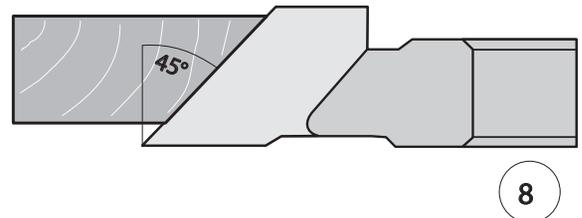
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6

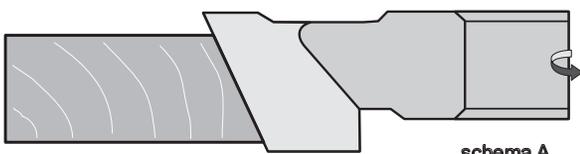


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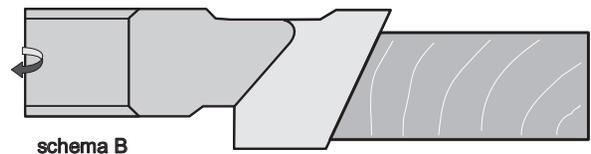


8

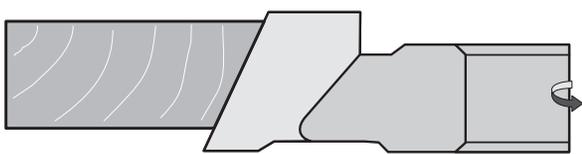
SULL'ORDINE SPECIFICARE IL TIPO
 IN THE ORDER PLEASE SPECIFY TYPE
 EN EL PEDIDO INDICASE EL TIPO
 SUR LA COMMANDE SPÉCIFIER LE TYPE
 В ЗАЯВКЕ УКАЗЫВАТЬ ВИД



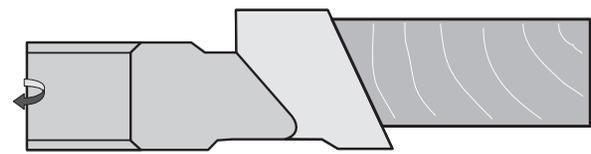
schema A



schema B



schema C



schema D


**HW
HSS**

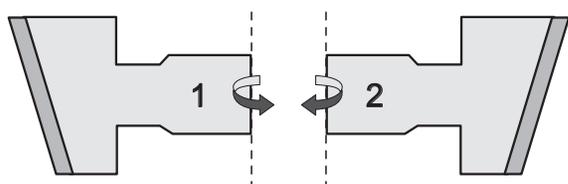

PER FRESE CON INCLINAZIONE SUPERIORE A 45° RIFERIRSI
ALL'ARTICOLO 315

FOR CUTTERS WITH INCLINATION OVER 45° REFER TO
ART.315

PARA FRESAS CON PENDIENTE SUPERIOR A 45° CONSULTAR
ART.315

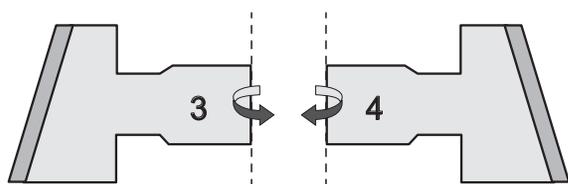
POUR DES FRAISES À INCLINAISON SUPÉRIEURE À 45° VOR
L'ART. 315

ФРЕЗЫ ПОД НАКЛОНОМ БОЛЕЕ 45° СМОТР. АРТИКУЛ 315



Schema 1

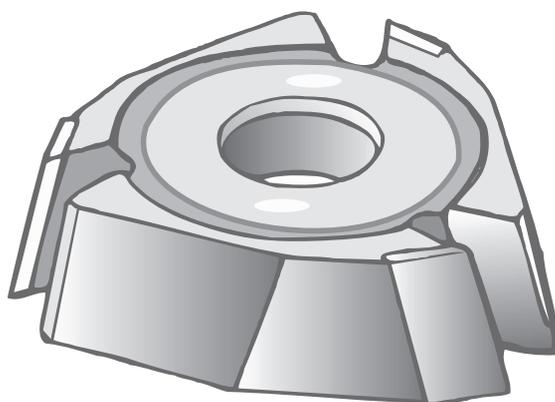
Schema 2



Schema 3

Schema 4

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
BC	120	20	30/35/40/50	2
BD	120	25	30/35/40/50	2
BE	120	30	30/35/40/50	2
BF	120	35	30/35/40/50	2
BG	120	40	30/35/40/50	2
BH	120	45	30/35/40/50	2
BI	120	50	30/35/40/50	2
BL	120	60	30/35/40/50	2
BN	120	70	30/35/40/50	2
BO	120	80	30/35/40/50	2
BP	120	90	30/35/40/50	2
BQ	120	100	30/35/40/50	2
CC	140	20	30/35/40/50	2
CD	140	25	30/35/40/50	2
CE	140	30	30/35/40/50	2
CF	140	35	30/35/40/50	2
CG	140	40	30/35/40/50	2
CH	140	45	30/35/40/50	2
CI	140	50	30/35/40/50	2
CL	140	60	30/35/40/50	2
CN	140	70	30/35/40/50	2
CO	140	80	30/35/40/50	2
CP	140	90	30/35/40/50	2
CQ	140	100	30/35/40/50	2
DC	160	20	30/35/40/50	2
DD	160	25	30/35/40/50	2
DE	160	30	30/35/40/50	2
DF	160	35	30/35/40/50	2
DG	160	40	30/35/40/50	2
DH	160	45	30/35/40/50	2
DI	160	50	30/35/40/50	2
DL	160	60	30/35/40/50	2
DN	160	70	30/35/40/50	2
DO	160	80	30/35/40/50	2
DP	160	90	30/35/40/50	2
DQ	160	100	30/35/40/50	2
EC	180	20	30/35/40/50	2
ED	180	25	30/35/40/50	2
EE	180	30	30/35/40/50	2
EF	180	35	30/35/40/50	2
EG	180	40	30/35/40/50	2
EH	180	45	30/35/40/50	2
EI	180	50	30/35/40/50	2
EL	180	60	30/35/40/50	2
EN	180	70	30/35/40/50	2
EO	180	80	30/35/40/50	2
EP	180	90	30/35/40/50	2
EQ	180	100	30/35/40/50	2
FC	200	20	30/35/40/50	2
FD	200	25	30/35/40/50	2
FE	200	30	30/35/40/50	2
FF	200	35	30/35/40/50	2
FG	200	40	30/35/40/50	2
FH	200	45	30/35/40/50	2
FI	200	50	30/35/40/50	2
FL	200	60	30/35/40/50	2
FN	200	70	30/35/40/50	2
FO	200	80	30/35/40/50	2
FP	200	90	30/35/40/50	2
FQ	200	100	30/35/40/50	2


**HW
HSS**


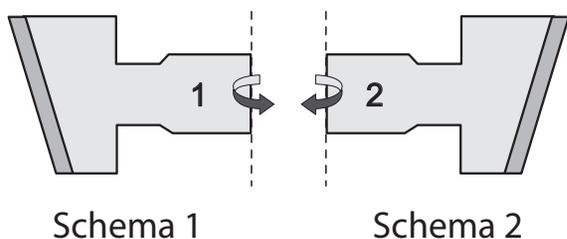
PER FRESE CON INCLINAZIONE SUPERIORE A 45° RIFERIRSI
ALL'ARTICOLO 387

FOR CUTTERS WITH INCLINATION OVER 45° REFER TO
ART.387

PARA FRESAS CON PENDIENTE SUPERIOR A 45° CONSULTAR
ART.387

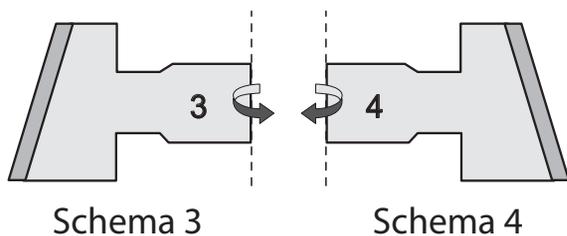
POUR DES FRAISES À INCLINAISON SUPÉRIEURE À 45° VOR
L'ART. 387

ФРЕЗЫ ПОД НАКЛОНОМ БОЛЕЕ 45° СМОТР. АРТИКУЛ 387



Schema 1

Schema 2



Schema 3

Schema 4

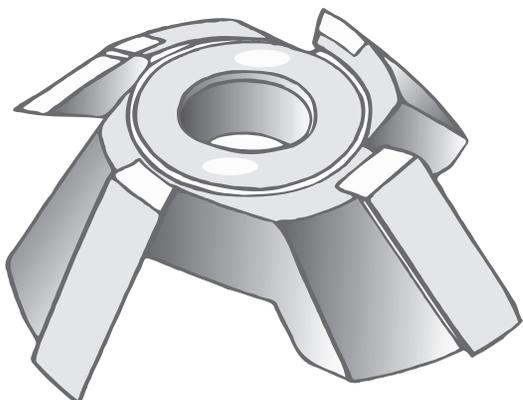
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
BC	120	20	30/35/40/50	3
BD	120	25	30/35/40/50	3
BE	120	30	30/35/40/50	3
BF	120	35	30/35/40/50	3
BG	120	40	30/35/40/50	3
BH	120	45	30/35/40/50	3
BI	120	50	30/35/40/50	3
BL	120	60	30/35/40/50	3
BN	120	70	30/35/40/50	3
BO	120	80	30/35/40/50	3
BP	120	90	30/35/40/50	3
BQ	120	100	30/35/40/50	3

CC	140	20	30/35/40/50	3
CD	140	25	30/35/40/50	3
CE	140	30	30/35/40/50	3
CF	140	35	30/35/40/50	3
CG	140	40	30/35/40/50	3
CH	140	45	30/35/40/50	3
CI	140	50	30/35/40/50	3
CL	140	60	30/35/40/50	3
CN	140	70	30/35/40/50	3
CO	140	80	30/35/40/50	3
CP	140	90	30/35/40/50	3
CQ	140	100	30/35/40/50	3

DC	160	20	30/35/40/50	3
DD	160	25	30/35/40/50	3
DE	160	30	30/35/40/50	3
DF	160	35	30/35/40/50	3
DG	160	40	30/35/40/50	3
DH	160	45	30/35/40/50	3
DI	160	50	30/35/40/50	3
DL	160	60	30/35/40/50	3
DN	160	70	30/35/40/50	3
DO	160	80	30/35/40/50	3
DP	160	90	30/35/40/50	3
DQ	160	100	30/35/40/50	3

EC	180	20	30/35/40/50	3
ED	180	25	30/35/40/50	3
EE	180	30	30/35/40/50	3
EF	180	35	30/35/40/50	3
EG	180	40	30/35/40/50	3
EH	180	45	30/35/40/50	3
EI	180	50	30/35/40/50	3
EL	180	60	30/35/40/50	3
EN	180	70	30/35/40/50	3
EO	180	80	30/35/40/50	3
EP	180	90	30/35/40/50	3
EQ	180	100	30/35/40/50	3

FC	200	20	30/35/40/50	3
FD	200	25	30/35/40/50	3
FE	200	30	30/35/40/50	3
FF	200	35	30/35/40/50	3
FG	200	40	30/35/40/50	3
FH	200	45	30/35/40/50	3
FI	200	50	30/35/40/50	3
FL	200	60	30/35/40/50	3
FN	200	70	30/35/40/50	3
FO	200	80	30/35/40/50	3
FP	200	90	30/35/40/50	3
FQ	200	100	30/35/40/50	3


**HW
HSS**


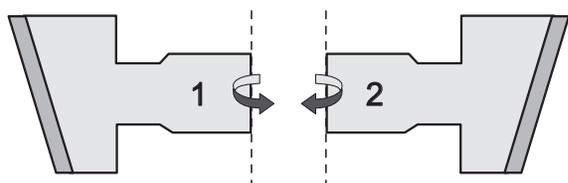
PER FRESE CON INCLINAZIONE SUPERIORE A 45° RIFERIRSI ALL'ARTICOLO 327

FOR CUTTERS WITH INCLINATION OVER 45° REFER TO ART.327

PARA FRESAS CON PENDIENTE SUPERIOR A 45° CONSULTAR ART.327

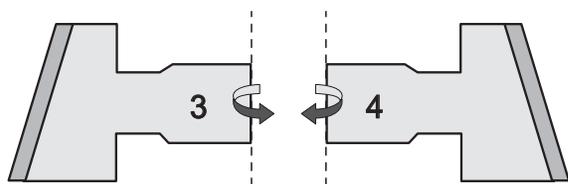
POUR DES FRAISES À INCLINAISON SUPÉRIEURE À 45° VOR L'ART. 327

ФРЕЗЫ ПОД НАКЛОНОМ БОЛЕЕ 45° СМОТР. АРТИКУЛ 327



Schema 1

Schema 2



Schema 3

Schema 4

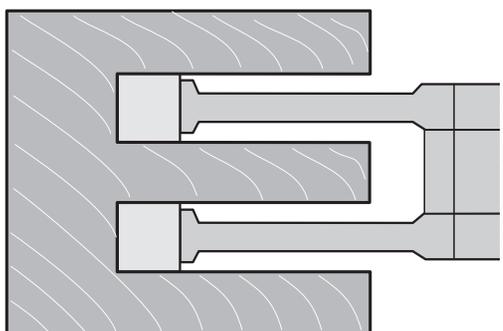
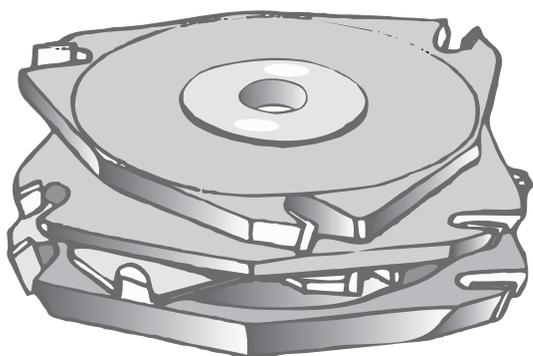
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
BC	120	20	30/35/40/50	4
BD	120	25	30/35/40/50	4
BE	120	30	30/35/40/50	4
BF	120	35	30/35/40/50	4
BG	120	40	30/35/40/50	4
BH	120	45	30/35/40/50	4
BI	120	50	30/35/40/50	4
BL	120	60	30/35/40/50	4
BN	120	70	30/35/40/50	4
BO	120	80	30/35/40/50	4
BP	120	90	30/35/40/50	4
BQ	120	100	30/35/40/50	4

CC	140	20	30/35/40/50	4
CD	140	25	30/35/40/50	4
CE	140	30	30/35/40/50	4
CF	140	35	30/35/40/50	4
CG	140	40	30/35/40/50	4
CH	140	45	30/35/40/50	4
CI	140	50	30/35/40/50	4
CL	140	60	30/35/40/50	4
CN	140	70	30/35/40/50	4
CO	140	80	30/35/40/50	4
CP	140	90	30/35/40/50	4
CQ	140	100	30/35/40/50	4

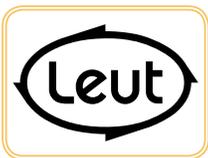
DC	160	20	30/35/40/50	4
DD	160	25	30/35/40/50	4
DE	160	30	30/35/40/50	4
DF	160	35	30/35/40/50	4
DG	160	40	30/35/40/50	4
DH	160	45	30/35/40/50	4
DI	160	50	30/35/40/50	4
DL	160	60	30/35/40/50	4
DN	160	70	30/35/40/50	4
DO	160	80	30/35/40/50	4
DP	160	90	30/35/40/50	4
DQ	160	100	30/35/40/50	4

EC	180	20	30/35/40/50	4
ED	180	25	30/35/40/50	4
EE	180	30	30/35/40/50	4
EF	180	35	30/35/40/50	4
EG	180	40	30/35/40/50	4
EH	180	45	30/35/40/50	4
EI	180	50	30/35/40/50	4
EL	180	60	30/35/40/50	4
EN	180	70	30/35/40/50	4
EO	180	80	30/35/40/50	4
EP	180	90	30/35/40/50	4
EQ	180	100	30/35/40/50	4

FC	200	20	30/35/40/50	4
FD	200	25	30/35/40/50	4
FE	200	30	30/35/40/50	4
FF	200	35	30/35/40/50	4
FG	200	40	30/35/40/50	4
FH	200	45	30/35/40/50	4
FI	200	50	30/35/40/50	4
FL	200	60	30/35/40/50	4
FN	200	70	30/35/40/50	4
FO	200	80	30/35/40/50	4
FP	200	90	30/35/40/50	4
FQ	200	100	30/35/40/50	4


HW


CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
CB	270	8	30/35/40/50	3
CC	270	10	30/35/40/50	3
CD	270	12	30/35/40/50	3
CE	270	14	30/35/40/50	3
CF	270	16	30/35/40/50	3
CG	270	18	30/35/40/50	3
CH	270	20	30/35/40/50	3
CI	270	22	30/35/40/50	3
CK	270	24	30/35/40/50	3
CL	270	26	30/35/40/50	3
CM	270	28	30/35/40/50	3
CN	270	30	30/35/40/50	3
DB	280	8	30/35/40/50	3
DC	280	10	30/35/40/50	3
DD	280	12	30/35/40/50	3
DE	280	14	30/35/40/50	3
DF	280	16	30/35/40/50	3
DG	280	18	30/35/40/50	3
DH	280	20	30/35/40/50	3
DI	280	22	30/35/40/50	3
DK	280	24	30/35/40/50	3
DL	280	26	30/35/40/50	3
DM	280	28	30/35/40/50	3
DN	280	30	30/35/40/50	3
EB	290	8	30/35/40/50	3
EC	290	10	30/35/40/50	3
ED	290	12	30/35/40/50	3
EE	290	14	30/35/40/50	3
EF	290	16	30/35/40/50	3
EG	290	18	30/35/40/50	3
EH	290	20	30/35/40/50	3
EI	290	22	30/35/40/50	3
EK	290	24	30/35/40/50	3
EL	290	26	30/35/40/50	3
EM	290	28	30/35/40/50	3
EN	290	30	30/35/40/50	3
FB	300	8	30/35/40/50	3
FC	300	10	30/35/40/50	3
FD	300	12	30/35/40/50	3
FE	300	14	30/35/40/50	3
FF	300	16	30/35/40/50	3
FG	300	18	30/35/40/50	3
FH	300	20	30/35/40/50	3
FI	300	22	30/35/40/50	3
FK	300	24	30/35/40/50	3
FL	300	26	30/35/40/50	3
FM	300	28	30/35/40/50	3
FN	300	30	30/35/40/50	3



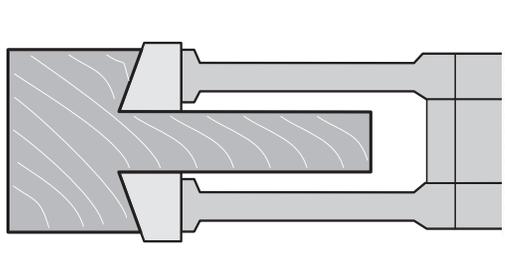
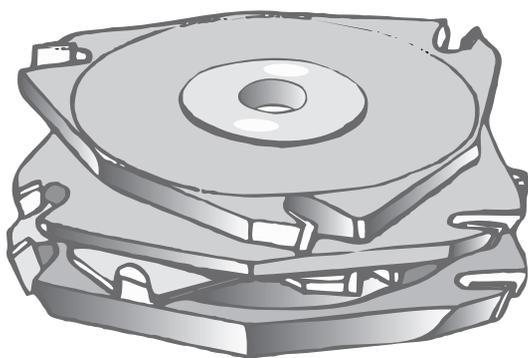
ART.
639

FRESE PER TENONI A PROFILO INCLINATO SENZA RASANTI
ANGLED PROFILE TENON CUTTERS WITHOUT SHAVERS
FRESAS PARA ESPIGAS DE PERFIL INCLINADO SIN CEPILLOS
FRAISES POUR TENONS À PROFIL DROIT SANS RACLOIR
ФРЕЗЫ ДЛЯ ШИПОВ - ПРОФИЛЬ ПОД НАКЛОНОМ БЕЗ СТРОГАТЕЛЕЙ

76

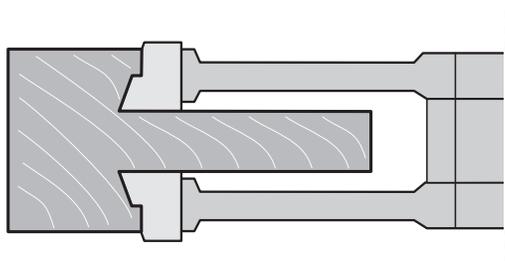
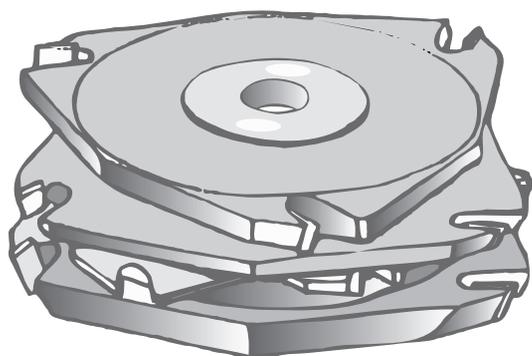


HW

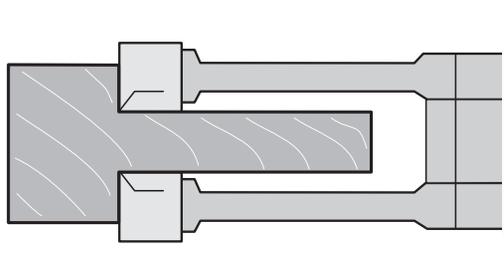
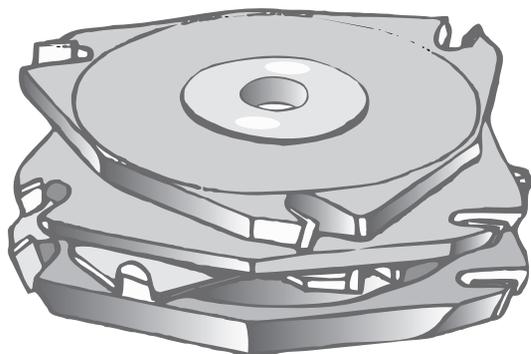


CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
CB	270	8	30/35/40/50	3
CC	270	10	30/35/40/50	3
CD	270	12	30/35/40/50	3
CE	270	14	30/35/40/50	3
CF	270	16	30/35/40/50	3
CG	270	18	30/35/40/50	3
CH	270	20	30/35/40/50	3
CI	270	22	30/35/40/50	3
CK	270	24	30/35/40/50	3
CL	270	26	30/35/40/50	3
CM	270	28	30/35/40/50	3
CN	270	30	30/35/40/50	3
DB	280	8	30/35/40/50	3
DC	280	10	30/35/40/50	3
DD	280	12	30/35/40/50	3
DE	280	14	30/35/40/50	3
DF	280	16	30/35/40/50	3
DG	280	18	30/35/40/50	3
DH	280	20	30/35/40/50	3
DI	280	22	30/35/40/50	3
DK	280	24	30/35/40/50	3
DL	280	26	30/35/40/50	3
DM	280	28	30/35/40/50	3
DN	280	30	30/35/40/50	3
EB	290	8	30/35/40/50	3
EC	290	10	30/35/40/50	3
ED	290	12	30/35/40/50	3
EE	290	14	30/35/40/50	3
EF	290	16	30/35/40/50	3
EG	290	18	30/35/40/50	3
EH	290	20	30/35/40/50	3
EI	290	22	30/35/40/50	3
EK	290	24	30/35/40/50	3
EL	290	26	30/35/40/50	3
EM	290	28	30/35/40/50	3
EN	290	30	30/35/40/50	3
FB	300	8	30/35/40/50	3
FC	300	10	30/35/40/50	3
FD	300	12	30/35/40/50	3
FE	300	14	30/35/40/50	3
FF	300	16	30/35/40/50	3
FG	300	18	30/35/40/50	3
FH	300	20	30/35/40/50	3
FI	300	22	30/35/40/50	3
FK	300	24	30/35/40/50	3
FL	300	26	30/35/40/50	3
FM	300	28	30/35/40/50	3
FN	300	30	30/35/40/50	3

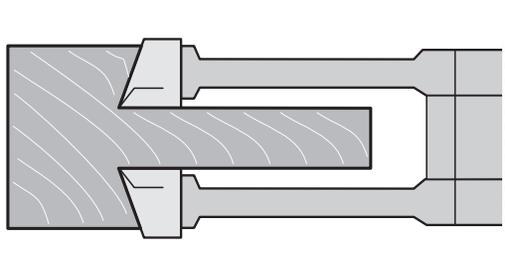
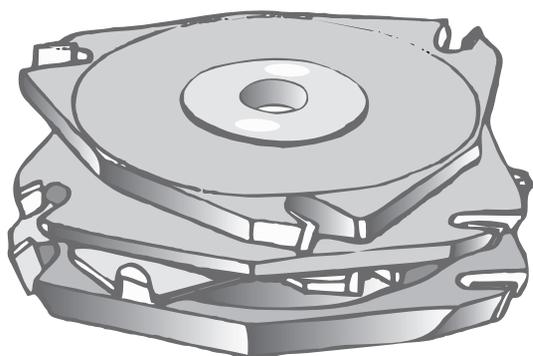
2


HW


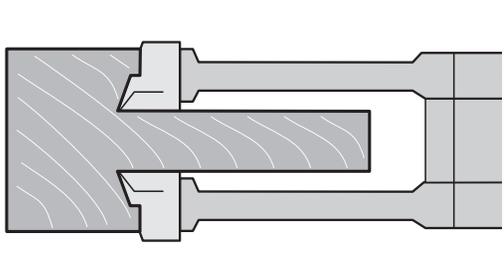
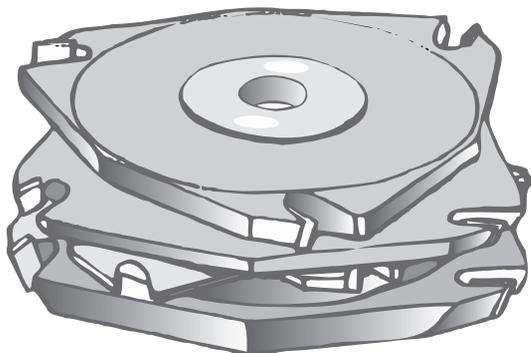
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
CD	270	12	30/35/40/50	3
CE	270	14	30/35/40/50	3
CF	270	16	30/35/40/50	3
CG	270	18	30/35/40/50	3
CH	270	20	30/35/40/50	3
CI	270	22	30/35/40/50	3
CK	270	24	30/35/40/50	3
CL	270	26	30/35/40/50	3
CM	270	28	30/35/40/50	3
CN	270	30	30/35/40/50	3
DD	280	12	30/35/40/50	3
DE	280	14	30/35/40/50	3
DF	280	16	30/35/40/50	3
DG	280	18	30/35/40/50	3
DH	280	20	30/35/40/50	3
DI	280	22	30/35/40/50	3
DK	280	24	30/35/40/50	3
DL	280	26	30/35/40/50	3
DM	280	28	30/35/40/50	3
DN	280	30	30/35/40/50	3
ED	290	12	30/35/40/50	3
EE	290	14	30/35/40/50	3
EF	290	16	30/35/40/50	3
EG	290	18	30/35/40/50	3
EH	290	20	30/35/40/50	3
EI	290	22	30/35/40/50	3
EK	290	24	30/35/40/50	3
EL	290	26	30/35/40/50	3
EM	290	28	30/35/40/50	3
EN	290	30	30/35/40/50	3
FD	300	12	30/35/40/50	3
FE	300	14	30/35/40/50	3
FF	300	16	30/35/40/50	3
FG	300	18	30/35/40/50	3
FH	300	20	30/35/40/50	3
FI	300	22	30/35/40/50	3
FK	300	24	30/35/40/50	3
FL	300	26	30/35/40/50	3
FM	300	28	30/35/40/50	3
FN	300	30	30/35/40/50	3


HW


CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
CC	270	10	30/35/40/50	3	3
CD	270	12	30/35/40/50	3	3
CE	270	14	30/35/40/50	3	3
CF	270	16	30/35/40/50	3	3
CG	270	18	30/35/40/50	3	3
CH	270	20	30/35/40/50	3	3
CI	270	22	30/35/40/50	3	3
CK	270	24	30/35/40/50	3	3
CL	270	26	30/35/40/50	3	3
CM	270	28	30/35/40/50	3	3
CN	270	30	30/35/40/50	3	3
DC	280	10	30/35/40/50	3	3
DD	280	12	30/35/40/50	3	3
DE	280	14	30/35/40/50	3	3
DF	280	16	30/35/40/50	3	3
DG	280	18	30/35/40/50	3	3
DH	280	20	30/35/40/50	3	3
DI	280	22	30/35/40/50	3	3
DK	280	24	30/35/40/50	3	3
DL	280	26	30/35/40/50	3	3
DM	280	28	30/35/40/50	3	3
DN	280	30	30/35/40/50	3	3
EC	290	10	30/35/40/50	3	3
ED	290	12	30/35/40/50	3	3
EE	290	14	30/35/40/50	3	3
EF	290	16	30/35/40/50	3	3
EG	290	18	30/35/40/50	3	3
EH	290	20	30/35/40/50	3	3
EI	290	22	30/35/40/50	3	3
EK	290	24	30/35/40/50	3	3
EL	290	26	30/35/40/50	3	3
EM	290	28	30/35/40/50	3	3
EN	290	30	30/35/40/50	3	3
FC	300	10	30/35/40/50	3	3
FD	300	12	30/35/40/50	3	3
FE	300	14	30/35/40/50	3	3
FF	300	16	30/35/40/50	3	3
FG	300	18	30/35/40/50	3	3
FH	300	20	30/35/40/50	3	3
FI	300	22	30/35/40/50	3	3
FK	300	24	30/35/40/50	3	3
FL	300	26	30/35/40/50	3	3
FM	300	28	30/35/40/50	3	3
FN	300	30	30/35/40/50	3	3


HW


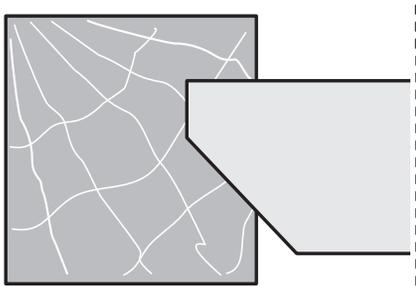
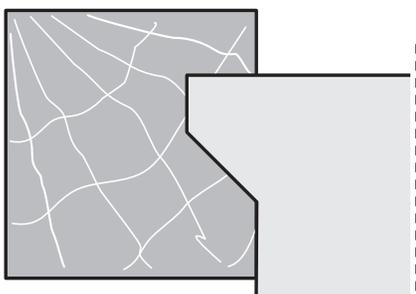
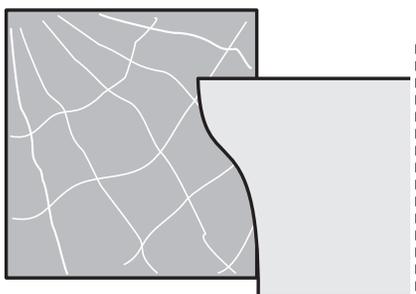
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
CC	270	10	30/35/40/50	3	3
CD	270	12	30/35/40/50	3	3
CE	270	14	30/35/40/50	3	3
CF	270	16	30/35/40/50	3	3
CG	270	18	30/35/40/50	3	3
CH	270	20	30/35/40/50	3	3
CI	270	22	30/35/40/50	3	3
CK	270	24	30/35/40/50	3	3
CL	270	26	30/35/40/50	3	3
CM	270	28	30/35/40/50	3	3
CN	270	30	30/35/40/50	3	3
DC	280	10	30/35/40/50	3	3
DD	280	12	30/35/40/50	3	3
DE	280	14	30/35/40/50	3	3
DF	280	16	30/35/40/50	3	3
DG	280	18	30/35/40/50	3	3
DH	280	20	30/35/40/50	3	3
DI	280	22	30/35/40/50	3	3
DK	280	24	30/35/40/50	3	3
DL	280	26	30/35/40/50	3	3
DM	280	28	30/35/40/50	3	3
DN	280	30	30/35/40/50	3	3
EC	290	10	30/35/40/50	3	3
ED	290	12	30/35/40/50	3	3
EE	290	14	30/35/40/50	3	3
EF	290	16	30/35/40/50	3	3
EG	290	18	30/35/40/50	3	3
EH	290	20	30/35/40/50	3	3
EI	290	22	30/35/40/50	3	3
EK	290	24	30/35/40/50	3	3
EL	290	26	30/35/40/50	3	3
EM	290	28	30/35/40/50	3	3
EN	290	30	30/35/40/50	3	3
FC	300	10	30/35/40/50	3	3
FD	300	12	30/35/40/50	3	3
FE	300	14	30/35/40/50	3	3
FF	300	16	30/35/40/50	3	3
FG	300	18	30/35/40/50	3	3
FH	300	20	30/35/40/50	3	3
FI	300	22	30/35/40/50	3	3
FK	300	24	30/35/40/50	3	3
FL	300	26	30/35/40/50	3	3
FM	300	28	30/35/40/50	3	3
FN	300	30	30/35/40/50	3	3


HW


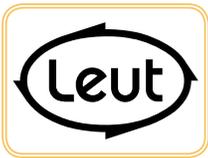
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
CD	270	12	30/35/40/50	3	3
CE	270	14	30/35/40/50	3	3
CF	270	16	30/35/40/50	3	3
CG	270	18	30/35/40/50	3	3
CH	270	20	30/35/40/50	3	3
CI	270	22	30/35/40/50	3	3
CK	270	24	30/35/40/50	3	3
CL	270	26	30/35/40/50	3	3
CM	270	28	30/35/40/50	3	3
CN	270	30	30/35/40/50	3	3
DD	280	12	30/35/40/50	3	3
DE	280	14	30/35/40/50	3	3
DF	280	16	30/35/40/50	3	3
DG	280	18	30/35/40/50	3	3
DH	280	20	30/35/40/50	3	3
DI	280	22	30/35/40/50	3	3
DK	280	24	30/35/40/50	3	3
DL	280	26	30/35/40/50	3	3
DM	280	28	30/35/40/50	3	3
DN	280	30	30/35/40/50	3	3
ED	290	12	30/35/40/50	3	3
EE	290	14	30/35/40/50	3	3
EF	290	16	30/35/40/50	3	3
EG	290	18	30/35/40/50	3	3
EH	290	20	30/35/40/50	3	3
EI	290	22	30/35/40/50	3	3
EK	290	24	30/35/40/50	3	3
EL	290	26	30/35/40/50	3	3
EM	290	28	30/35/40/50	3	3
EN	290	30	30/35/40/50	3	3
FD	300	12	30/35/40/50	3	3
FE	300	14	30/35/40/50	3	3
FF	300	16	30/35/40/50	3	3
FG	300	18	30/35/40/50	3	3
FH	300	20	30/35/40/50	3	3
FI	300	22	30/35/40/50	3	3
FK	300	24	30/35/40/50	3	3
FL	300	26	30/35/40/50	3	3
FM	300	28	30/35/40/50	3	3
FN	300	30	30/35/40/50	3	3



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	120	20	30/35/40/50	3	3
AB	120	25	30/35/40/50	3	3
AC	120	30	30/35/40/50	3	3
AD	120	35	30/35/40/50	3	3
AE	120	40	30/35/40/50	3	3
BA	140	20	30/35/40/50	3	3
BB	140	25	30/35/40/50	3	3
BC	140	30	30/35/40/50	3	3
BD	140	35	30/35/40/50	3	3
BE	140	40	30/35/40/50	3	3
CA	160	20	30/35/40/50	3	3
CB	160	25	30/35/40/50	3	3
CC	160	30	30/35/40/50	3	3
CD	160	35	30/35/40/50	3	3
CE	160	40	30/35/40/50	3 <td>3</td>	3
EA	180	20	30/35/40/50	3	3
EB	180	25	30/35/40/50	3	3
EC	180	30	30/35/40/50	3	3
ED	180	35	30/35/40/50	3	3
EE	180	40	30/35/40/50	3	3
FA	200	20	30/35/40/50	3	3
FB	200	25	30/35/40/50	3	3
FC	200	30	30/35/40/50	3	3
FD	200	35	30/35/40/50	3	3
FE	200	40	30/35/40/50	3	3



(PROFILO A DISEGNO)
 (PROFILE TO DRAWING OR WOODEN SAMPLE)
 (PERFIL SEGÚN DIBUJO O MUESTRA DE MADERA)
 (PROFIL SELON DESSIN O ÉCHANTILLON EN BIOS)
 (В ЗАЯВКЕ УКАЗЫВАТЬ ВИД)



**ART.
811
891**

PUNTE SAGOMATE A PROFILO SEMPLICE PER FORARE E CONTORNARE
SHAPED SIMPLE PROFILES BITS FOR HOLES AND EDGING TYPE OF ATTACHMENT
BROCAS MOLDEADAS DE PERFIL SIMPLE PARA TALADRAR Y RANURAR
MÈCHES FAÇONNÉES A PROFIL SIMPLE POUR ALÉSER ET CHANTOURNER
ШАБЛОННЫЕ СВЕРЛА - ПРОСТОЙ ПРОФИЛЬ ДЛЯ СВЕРЛЕНИЯ И ОБРАБОТКИ

82

ART.811

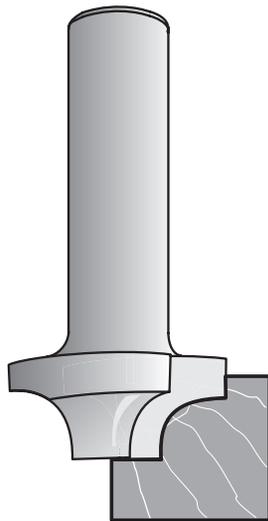
- Attacco cilindrico
- Cylindrical attachment
- Zylinderfoerung
- Conexión cilíndrica
- Fixation cylindrique

ART.891

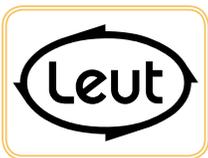
- Attacco CM2 - Ø20
- Attachment CM2 - Ø20
- Foerung CM2 - Ø20
- Conexión CM2 - Ø20
- Fixation CM2 - Ø20



HW



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	TAGLIANTI TEETH (n°)
BB	30	20	2
BC	30	25	2
BD	30	30	2
BE	30	35	2
BF	30	40	2
BG	30	45	2
BH	30	50	2
CB	40	20	2
CC	40	25	2
CD	40	30	2
CE	40	35	2
CF	40	40	2
CG	40	45	2
CH	40	50	2
DB	50	20	2
DC	50	25	2
DD	50	30	2
DE	50	35	2
DF	50	40	2
DG	50	45	2
DH	50	50	2
EB	60	20	2
EC	60	25	2
ED	60	30	2
EE	60	35	2
EF	60	40	2
EG	60	45	2
EH	60	50	2
FB	80	20	2
FC	80	25	2
FD	80	30	2
FE	80	35	2
FF	80	40	2
FG	80	45	2
FH	80	50	2
GB	100	20	2
GC	100	25	2
GD	100	30	2
GE	100	35	2
GF	100	40	2
GG	100	45	2
GH	100	50	2



**ART.
835
863
887**

PUNTE SAGOMATE A PROFILO SEMPLICE PER FORARE E CONTORNARE
SHAPED SIMPLE PROFILES BITS FOR HOLES AND EDGING TYPE OF ATTACHMENT
BROCAS MOLDEADAS DE PERFIL SIMPLE PARA TALADRAR Y RANURAR
MÈCHES FAÇONNÉES A PROFIL SIMPLE POUR ALÉSER ET CHANTOURNER
ШАБЛОННЫЕ СВЕРЛА - ПРОСТОЙ ПРОФИЛЬ ДЛЯ СВЕРЛЕНИЯ И ОБРАБОТКИ

83

ART.835

- Attacco ELU 12x1
- Attachment ELU 12x1
- Foerming ELU 12x1
- Conexión ELU 12x1
- Fixation ELU 12x1

ART.863

- Attacco CM2 - Ø30
- Attachment CM2 - Ø30
- Foerming CM2 - Ø30
- Conexión CM2 - Ø30
- Fixation CM2 - Ø30

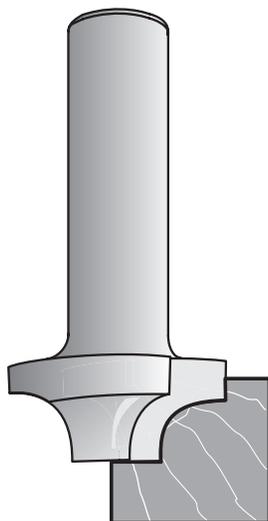
ART.887

- Attacco CM3
- Attachment CM3
- Foerming CM3
- Conexión CM3
- Fixation CM3

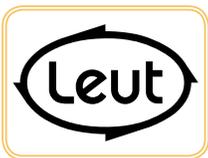


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	TAGLIANTI TEETH (n°)
BB	30	20	2
BC	30	25	2
BD	30	30	2
BE	30	35	2
BF	30	40	2
BG	30	45	2
BH	30	50	2
CB	40	20	2
CC	40	25	2
CD	40	30	2
CE	40	35	2
CF	40	40	2
CG	40	45	2
CH	40	50	2
DB	50	20	2
DC	50	25	2
DD	50	30	2
DE	50	35	2
DF	50	40	2
DG	50	45	2
DH	50	50	2
EB	60	20	2
EC	60	25	2
ED	60	30	2
EE	60	35	2
EF	60	40	2
EG	60	45	2
EH	60	50	2
FB	80	20	2
FC	80	25	2
FD	80	30	2
FE	80	35	2
FF	80	40	2
FG	80	45	2
FH	80	50	2
GB	100	20	2
GC	100	25	2
GD	100	30	2
GE	100	35	2
GF	100	40	2
GG	100	45	2
GH	100	50	2



2



**ART.
803
871**

PUNTE SAGOMATE A PROFILO COMPLESSO PER FORARE E CONTORNARE
SHAPED COMPLEX PROFILES BITS FOR HOLES AND EDGING TYPE OF ATTACHMENT
BROCAS MOLDEADAS DE PERFIL COMPLEJO PARA TALADRAR Y RANURAR
MÈCHES FAÇONNÉES A PROFIL COMPLEXE POUR ALÉSER ET CHANTOURNER
ШАБЛОННЫЕ СВЕРЛА СЛОЖНОГО ПРОФИЛЯ ДЛЯ СВЕРЛЕНИЯ И ОБРАБОТКИ

84

ART.803

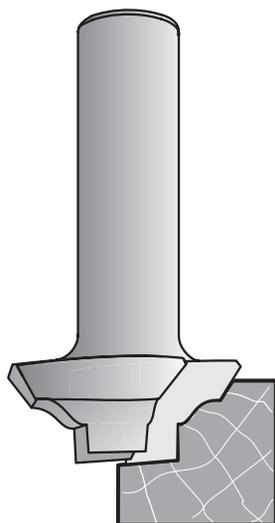
- Attacco cilindrico
- Cilindrical attachment
- Zylinderfoermig
- Conexión cilíndrica
- Fixation cylindrique

ART.871

- Attacco CM2 - Ø20
- Attachment CM2 - Ø20
- Foermig CM2 - Ø20
- Conexión CM2 - Ø20
- Fixation CM2 - Ø20

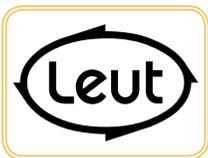


HW



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	TAGLIANTI TEETH (n°)
BB	30	20	2
BC	30	25	2
BD	30	30	2
BE	30	35	2
BF	30	40	2
BG	30	45	2
BH	30	50	2
CB	40	20	2
CC	40	25	2
CD	40	30	2
CE	40	35	2
CF	40	40	2
CG	40	45	2
CH	40	50	2
DB	50	20	2
DC	50	25	2
DD	50	30	2
DE	50	35	2
DF	50	40	2
DG	50	45	2
DH	50	50	2
EB	60	20	2
EC	60	25	2
ED	60	30	2
EE	60	35	2
EF	60	40	2
EG	60	45	2
EH	60	50	2
FB	80	20	2
FC	80	25	2
FD	80	30	2
FE	80	35	2
FF	80	40	2
FG	80	45	2
FH	80	50	2
GB	100	20	2
GC	100	25	2
GD	100	30	2
GE	100	35	2
GF	100	40	2
GG	100	45	2
GH	100	50	2

2



**ART.
855
807
843**

PUNTE SAGOMATE A PROFILO COMPLESSO PER FORARE E CONTORNARE
SHAPED COMPLEX PROFILES BITS FOR HOLES AND EDGING TYPE OF ATTACHMENT
BROCAS MOLDEADAS DE PERFIL COMPLEJO PARA TALADRAR Y RANURAR
MÈCHES FAÇONNÉES A PROFIL COMPLEXE POUR ALÉSER ET CHANTOURNER
ШАБЛОННЫЕ СВЕРЛА СЛОЖНОГО ПРОФИЛЯ ДЛЯ СВЕРЛЕНИЯ И ОБРАБОТКИ

85

ART.855

- Attacco ELU 12x1
- Attachment ELU 12x1
- Foerming ELU 12x1
- Conexión ELU 12x1
- Fixation ELU 12x1

ART.807

- Attacco CM2 - Ø30
- Attachment CM2 - Ø30
- Foerming CM2 - Ø30
- Conexión CM2 - Ø30
- Fixation CM2 - Ø30

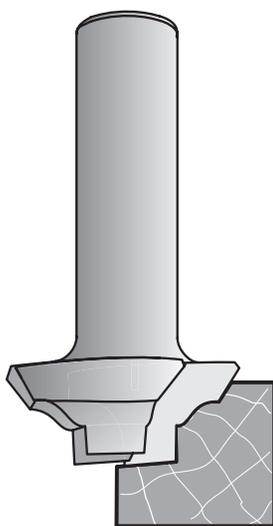
ART.843

- Attacco CM3
- Attachment CM3
- Foerming CM3
- Conexión CM3
- Fixation CM3

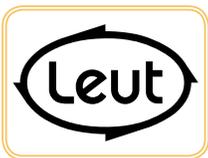


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	TAGLIANTI TEETH (n°)
BB	30	20	2
BC	30	25	2
BD	30	30	2
BE	30	35	2
BF	30	40	2
BG	30	45	2
BH	30	50	2
CB	40	20	2
CC	40	25	2
CD	40	30	2
CE	40	35	2
CF	40	40	2
CG	40	45	2
CH	40	50	2
DB	50	20	2
DC	50	25	2
DD	50	30	2
DE	50	35	2
DF	50	40	2
DG	50	45	2
DH	50	50	2
EB	60	20	2
EC	60	25	2
ED	60	30	2
EE	60	35	2
EF	60	40	2
EG	60	45	2
EH	60	50	2
FB	80	20	2
FC	80	25	2
FD	80	30	2
FE	80	35	2
FF	80	40	2
FG	80	45	2
FH	80	50	2
GB	100	20	2
GC	100	25	2
GD	100	30	2
GE	100	35	2
GF	100	40	2
GG	100	45	2
GH	100	50	2



2



ART.
95

REGOLAZIONE CON ANELLI PER SPESSORI DA 0,1 A 50 mm
THICKNESS ADJUSTABLE BY RINGS FROM 0,1 TO 50 mm
REGULACION CON ANILLOS PARA ESPESORES DESDE 0,1 - 50 mm
RÉGLAGE AVEC BAGUES POUR DES ÉPAISSEURS DE 0,1 À 50 mm
РЕГУЛИРОВАНИЕ С ПОМОЩЬЮ КОЛЕЦ, ТОЛЩИНА ОТ 0,1 – 50MM

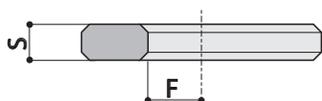
86

0,1 - 10	0,1 - 0,2 - 0,3 - 0,5 - 1 - 2 - 3	3
0,1 - 20	0,1 - 0,2 - 0,3 - 0,5 - 1 - 2 - 3	6 - 8
0,1 - 30	0,1 - 0,2 - 0,3 - 0,5 - 1 - 2 - 3	6 - 8 - 10
0,1 - 40	0,1 - 0,2 - 0,3 - 0,5 - 1 - 2 - 3	6 - 8 - 10 - 10
0,1 - 50	0,1 - 0,2 - 0,3 - 0,5 - 1 - 2 - 3	6 - 8 - 10 - 20



ART.
77

BUSSOLE DI RIDUZIONE FORI LAME
REDUCER BUSHES BORING BLADES
CASQUILLOS DE RIDUCCION AGUJEROS HOJAS
MANCHON DE RÉDUCTION DES ALÉSAGES DES LAMES
ГИЛЬЗА ДЛЯ УМЕНЬШЕНИЯ ДИАМЕТРА ОТВЕРСТИЯ ЛЕЗВИЯ

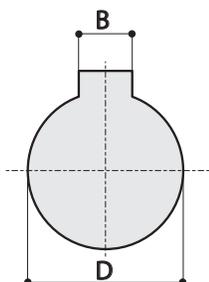


CODICE CODE	D (mm)	F (mm)
AB	30	2
AC	30	2
AD	30	2
BA	35	2
BB	35	2
BC	35	2
CB	40	2

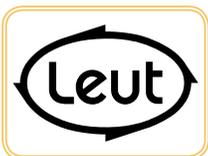


ART.
93

ESECUZIONE CHIAVETTA STANDARD - (Frese - Anelli - Bussole - Flange - Teste)
STANDARD PRODUCTION FIN KEY - (Cutters - Rings - Bushes - Flanges - Heads)
EJECUCION CHABETA STANDARD
CLÉ STANDARD - (Fraises - Bagues - Douilles - Brides - Têtes)
СТАНДАРТНОЕ ИЗГОТОВЛЕНИЕ «КЛЮЧИК» (ФРЕЗЫ, КОЛЬЦА, ГИЛЬЗЫ, ФЛАНЦЫ, ГОЛОВКИ)



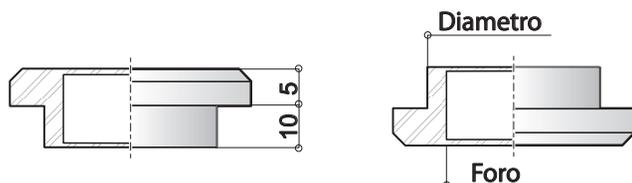
CODICE CODE	D (mm)	F (mm)
AA	12	4/5
BA	14	4/5
CA	16	4/5
DA	18	6
EA	20	6
FA	25	8
GA	30	8
HA	35	10
IA	40	10



ART.
79

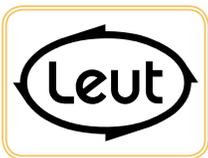
FLANGE DI RIDUZIONE FORI FRESE
REDUCER FLANGES BORING CUTTERS
BRIDAS DE REDUCCION AGUJEROS FRESAS
BRIDES DE RÉDUCTION DES ALÉSAGES DES FRAISES
ФЛАНЕЦ УМЕНЬШЕНИЯ ДИАМЕТРА

IL PREZZO SI RIFERISCE AL PEZZO SINGOLO
PRICE IS REFERRED TO SINGLE PIECE
EL PRECIO SE REFIERE A LA PIEZA INDIVIDUAL
LE PRIX S'ENTEND POUR UNE PIÈCE
ЦЕНА ЗА ШТ



CODICE CODE	DIAMETRO DIAMETER (mm)	FORO BORE (mm)
AA	30	25
BA	35	30
CA	40	30
CB	40	35
DA	50	30
DB	50	35
DC	50	40

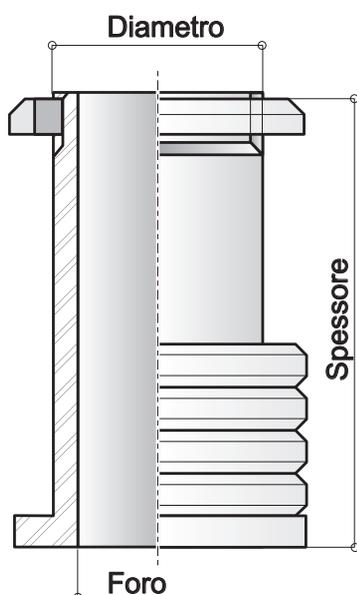
2



ART.
89

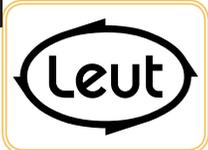
BUSSOLE DI FISSAGGIO
CONNECTOR BUSH
MANGUITOS DE APRIETO
MANCHONS DE FIXATION
ГИЛЬЗЫ ФИКСАЖНЫЕ

87



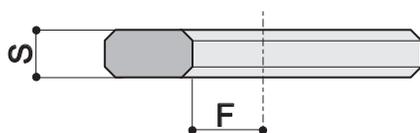
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)
AA	50	110	30
AB	50	110	35
AC	50	110	40
AD	50	130	30
AE	50	130	35
AF	50	130	40
BA	55	110	35
BB	55	110	40
BC	55	130	35
BD	55	130	40

2

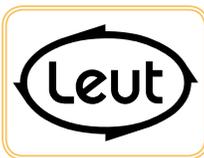


ART.
87

ANELLI DISTANZIALI - (Esecuzione standard)
EXPANDING RINGS - (Standard production)
ANILLOS DISTANCIADORES - (Ejecucion standard)
BAGUES INTERCALAIRES - (Exécution standard)
ДИСТАНЦИОННЫЕ КОЛЬЦА (СТАНДАРТНОЕ ПРОИЗВОДСТВО)



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)
AA	50	0.5	30
AB	50	5	30
AC	50	10	30
AD	50	20	30
AE	50	40	30
BA	55	0.5	35
BB	55	5	35
BC	55	10	35
BD	55	20	35
BE	55	40	35
CA	60	0.5	40
CB	60	5	40
CC	60	10	40
CD	60	20	40
CE	60	40	40
DA	70	0.5	50
DB	70	5	50
DC	70	10	50
DD	70	20	50
DE	70	40	50



ART.
65

SUPPLEMENTO PER FRESE CON RASANTI (non previste da catalogo)
 SUPPLEMENT FOR CUTTERS WITH SHAVERS (not shown in catalogue)
 SOBREPRECIO PARA FRESAS CON CEPILLOS (no previstas en el catalogo)
 SUPPLÉMENT POUR FRAISES AVEC RACLOIRS (non-inclus dans le catalogue)
 ДОПЛАТА К ФРЕЗАМ СО СТРОГАТЕЛЯМИ (не предусмотренные каталогом)

CODICE CODE	S (mm)	R (mm)
AA	20	2
AB	40	2
AC	60	2
AD	80	2
AE	100	2

CODICE CODE	S (mm)	R (mm)
BA	20	3
BB	40	3
BC	60	3
BD	80	3
BE	100	3

CODICE CODE	S (mm)	R (mm)
CA	20	4
CB	40	4
CC	60	4
CD	80	4
CE	100	4

ART.
97

SUPPLEMENTO PER FRESE CON FORO INFERIORE 30 mm
 (detto costo viene applicato una volta sola per una o più frese con il medesimo foro e della stessa commissione)
 SUPPLEMENT FOR CUTTERS FOR HOLES LESS THAN 30 mm
 (such a cost is only to be)

CODICE CODE
AA9

SOBREPRECIO PARA FRESAS CON AGUJERO INFERIOR
 (no previstas en el catalogo)
SUPPLÉMENT POUR FRAISES AVEC RACLOIRS
 (non-inclus dans le catalogue)
 ДОПЛАТА К ФРЕЗАМ С ДИАМЕТРОМ ОТВЕРСТИЯ БОЛЕЕ 30ММ
 (не предусмотренные каталогом)

ART.
71

SUPPLEMENTO PER LA PROGRAMMAZIONE DI GRUPPI COMPOSTI DA DUE O PIÙ FRESE
 (nel prezzo sono inclusi gli anelli distanziali o spinature ed esclusa la bussola di fissaggio)
 SUPPLEMENT FOR THE PROGRAM FOR SETS COMPOSED OF TWO OR MORE CUTTERS
 (the expanding ringset or plugs are included in the price unkle the connector busk)
SOBREPRECIO PARA LA PROGRAMACION DE GRUPOS CONSTITUIDOS POR DOS O MAS FRESAS
 (el precio incluye los anillos distanciadores o espigaduras y excluye el manguito de aprieto)
SUPPLÉMENT POUR LA PROGRAMMATION DE JEUX COMPOSÉS DE 2 OU PLUSIEURS FRAISES
 (dans le prix sont inclus les bagues intercalaires ou broches et est exclue la douille de fixation)
 ДОПЛАТА ЗА ПРОГРАММИРОВАНИЕ ГРУПП, СОСТАВЛЕННЫХ ИЗ ДВУХ И БОЛЕЕ ФРЕЗ
 (в стоимость включены дистанционные кольца или строгатели; исключена фиксажная гильза)

CODICE CODE	N°FRESE N°CUTTERS
AA	2
AB	3
AC	4
AD	5
AE	6
AF	7
AG	8

ART.
91

-SUPPLEMENTO PER LA PROGRAMMAZIONE DI GRUPPI COMPOSTI DA DUE O PIÙ FRESE
 (nel prezzo sono inclusi gli anelli distanziali o spinature ed esclusa la bussola di fissaggio)
 -SUPPLEMENT FOR THE PROGRAM FOR SETS COMPOSED OF TWO OR MORE CUTTERS
 (the expanding ringset or plugs are included in the price unkle the connector busk)
-SOBREPRECIO PARA LA PROGRAMACION DE GRUPOS CONSTITUIDOS POR DOS O MAS FRESAS
 (el precio incluye los anillos distanciadores o espigaduras y excluye el manguito de aprieto)
-SUPPLÉMENT POUR LA PROGRAMMATION DE JEUX COMPOSÉS DE 2 OU PLUSIEURS FRAISES
 (dans le prix sont inclus les bagues intercalaires ou broches et est exclue la douille de fixation)
 -ДОПЛАТА ЗА ПРОГРАММИРОВАНИЕ ГРУПП, СОСТАВЛЕННЫХ ИЗ ДВУХ И БОЛЕЕ ФРЕЗ
 (в стоимость включены дистанционные кольца или строгатели; исключена фиксажная гильза)

CODICE CODE	N°FRESE N°CUTTERS
AA	2
AB	3
AC	4
AD	5
AE	6
AF	7
AG	8

ART.
73

ALLARGATURA FORO LAME CIRCOLARI
 CIRCULAR BORING BLADES WIDENING
 ENSANCHADO AGUJERO FRESAS
 ELARGISSEMENT DE L'ALÉSAGES DES LAMES CIRCULAIRES
 РАСШИРЕНИЕ ДИАМЕТРА ОТВЕРСТИЯ ЦИРКУЛЯРНОГО ЛЕЗВИЯ

CODICE CODE
AA

ART.
81

ALLARGATURA FORO FRESE
 CUTTER BORING WIDENING
 ENSANCHADO AGUJERO FRESAS
 ELARGISSEMENT DE L'ALÉSAGES DES FRAISES
 РАСШИРЕНИЕ ДИАМЕТРА ОТВЕРСТИЯ ФРЕЗ

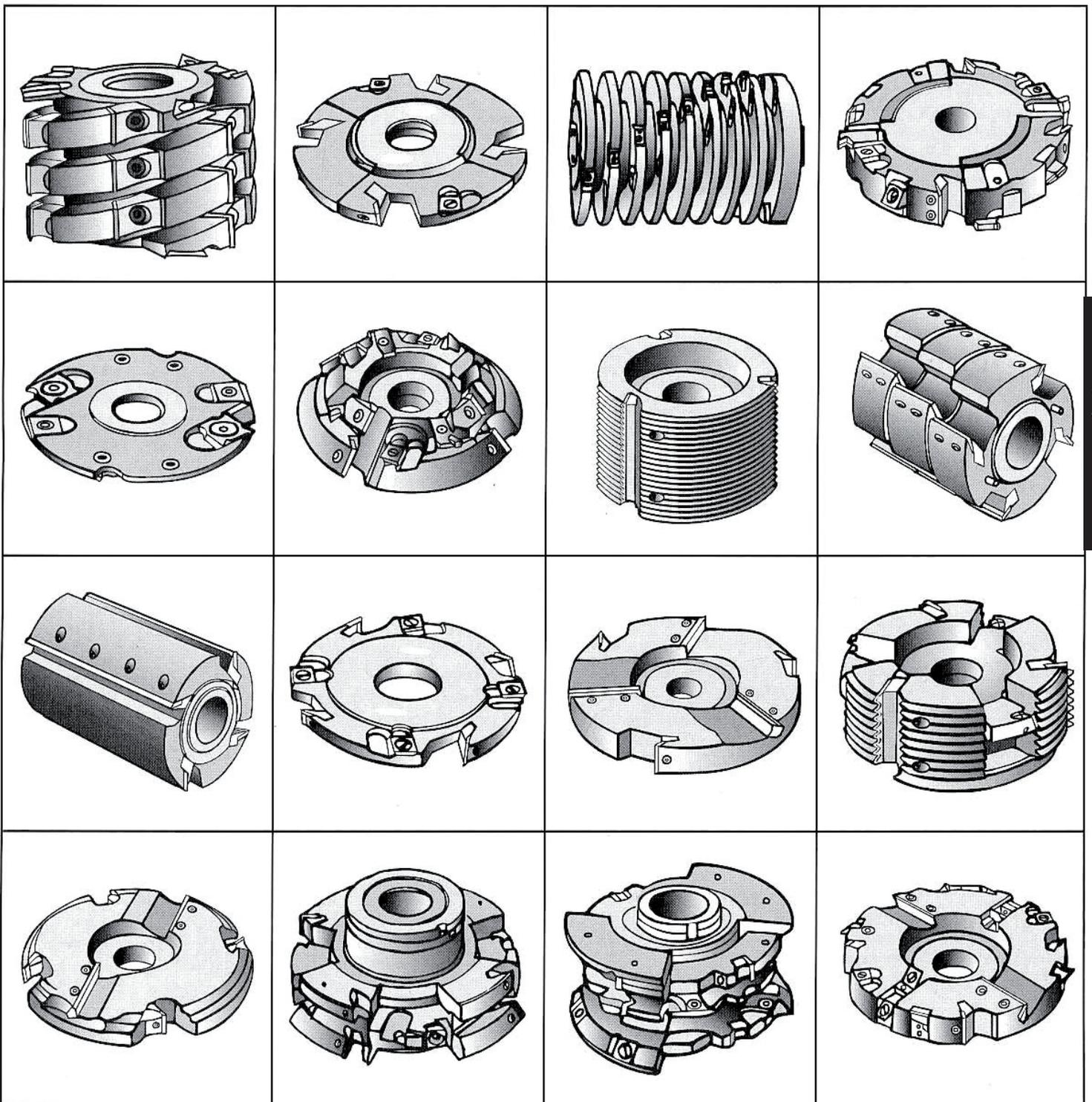
CODICE CODE
AA



2

<p>TIPO -A- <i>Attacco - Filettato/Conico</i> <i>Attack - Threaded/Conical</i> <i>Connexion - Enroscada/Conica</i></p>	<p>TIPO -B- <i>Attacco - Filettato/Cilindrico</i> <i>Attack - Threaded/Cylindrical</i> <i>Connexion - Enroscada/Cilindrica</i></p>	<p>TIPO -C- <i>Attacco - Cilindrico</i> <i>Attack - Cylindrical</i> <i>Connexion - Cilindrica</i></p>	<p>TIPO -C- <i>Attacco - ELU 12x1</i> <i>Attack - ELU 12x1</i> <i>Connexion - ELU 12x1</i></p>
<p>TIPO -F- <i>Attacco - Cono Morse 2 Ø20</i> <i>Attack - Morse taper shank 2 Ø20</i> <i>Connexion - Cono Morse 2 Ø20</i></p>	<p>TIPO -G- <i>Attacco - Cono Morse 2 Ø30</i> <i>Attack - Morse taper shank 2 Ø30</i> <i>Connexion - Cono Morse 2 Ø30</i></p>	<p>TIPO -H- <i>Attacco - Cono Morse 3 Ø30</i> <i>Attack - Morse taper shank 3 Ø30</i> <i>Connexion - Cono Morse 3 Ø30</i></p>	

TESTE CON COLTELLI A GETTARE IN HW DI SERIE
STANDARD HEADS WITH THROWAWAY HW KNIVES
CABEZALES ESTANDARD CON CUCHILLAS DESCHABLES EN HW
PORTE-OUTILS STANDARD AVEC COUTEAUX A JETER EN HW
СЕРИЙНЫЕ ГОЛОВКИ ИЗ HW СО СМЕННЫМИ НОЖАМИ




HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	100	118	35	15
AB	100	184	35	24
BA	120	118	40	15
BB	120	184	40	24
BC	120	230	40	30
CA	125	118	40	15
CB	125	184	40	24
CC	125	230	40	30
DA	140	118	40	15
DB	140	184	40	24
DC	140	230	40	30

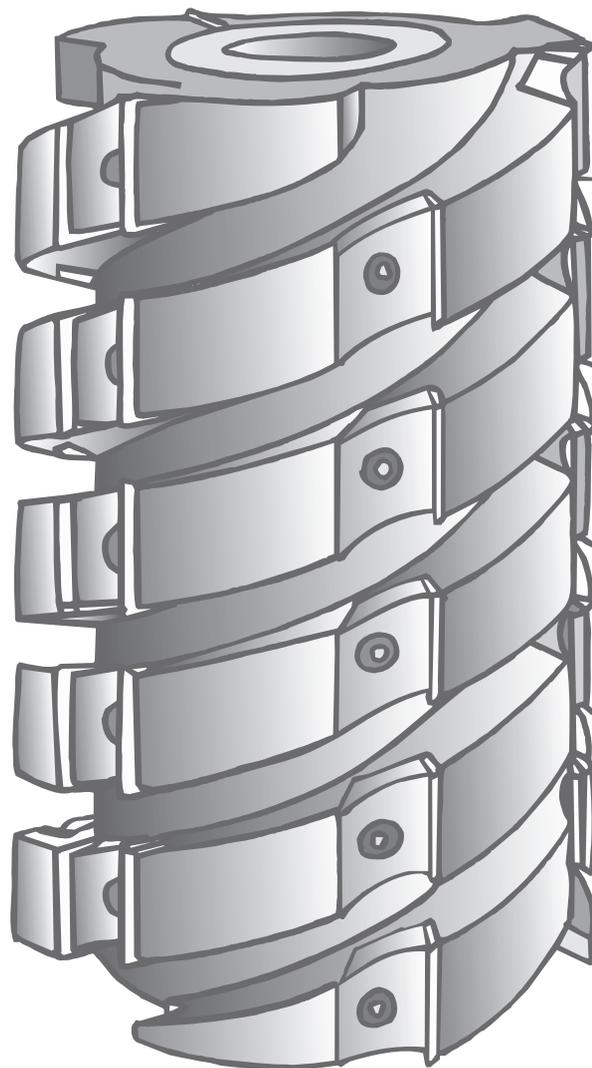
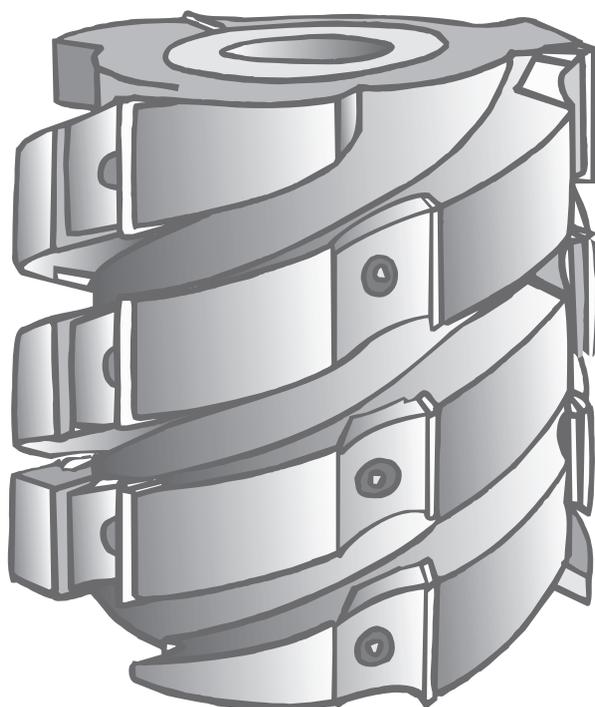
TESTE PORTACOLTELLI PER SPIANARE
MULTITAGLIANTI PER ALBERI PREPIALLATORI DI SCORNICIATRICI
- IN LEGA LEGGERA -
(Coltelli di ricambio 30x12x1,5)

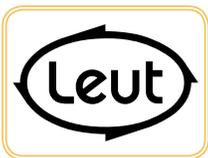
ADZE BLOCK HEADS FOR PLANING
MULTI-CUTTERS FOR PRE-PLANER ARBORS FOR PLANING AND MOLDING MACHINES
- LIGHTWEIGHT ALLOY -
(Spare cutters 30x12x1,5) New alloy heads for molding cutters and routers

CABEZAS PORTACUCHILLOS DE ALLANAR
MULTICORTANTES PARA ARBOLES PRECIPIILLADORES DE MACHIHEMBRADORAS
- ALEACION LIGERA -
(Cuchillos de repuesto 30x12x1,5)

PORTE-OUTILS POUR APLANIR
PLUSIEURS COUTEAUX POUR ARBRES PRÉ RABOTEURS DE MOULURIÈRES
- EN ALLIAGE LÉGER -
(Cou-teaux de rechange 30x12x1,5)

НОЖЕВЫЕ ГОЛОВКИ ДЛЯ СТРОГАНИЙ
МУЛЬТИРЕЗЦЫ ВАЛА ПЕРВИЧНОГО СТРОГАНИЯ ОКАНТОВОЧНОГО СТАНКА
- ИЗ ЛЁГКОГО СПЛАВА -
(Ножи, котор нужно изменить 30x12x1,5)

3




ART.
751

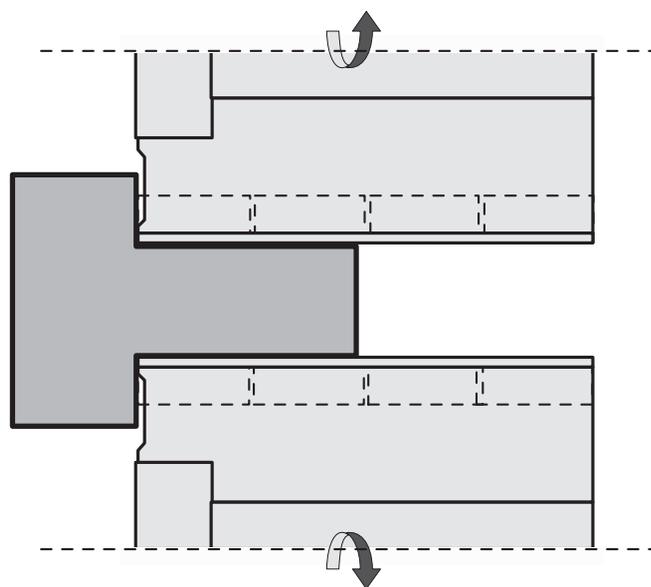
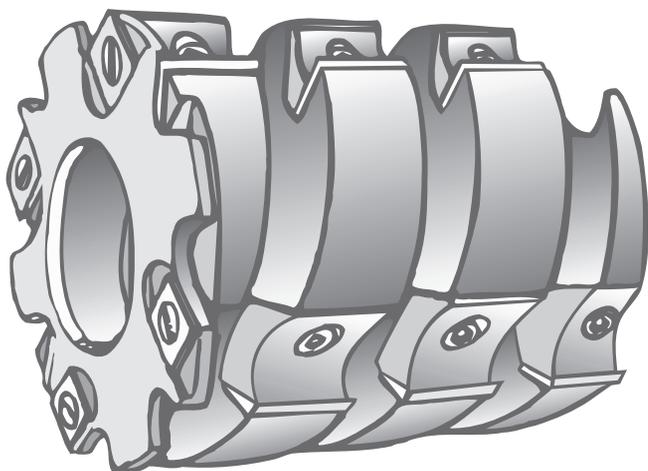
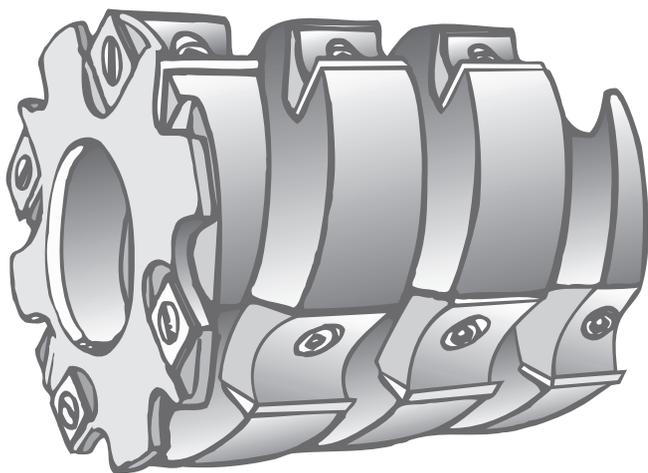
COPPIA TESTE PER TENONATRICI
HEAD PAIR FOR TENONER PRICE PER PAIR
PAR CABEZAS PARA CORTADORAS DE ESPIGA
PAIRE DE PORTE-OUTIL POUR TENONNEUSE
ПАРА ГОЛОВОК ДЛЯ ШИПОРЕЗКИ

92

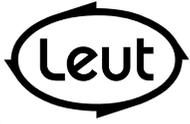


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	85	100	25	12	4
AB	85	100	30	12	4
AC	85	115	25	14	4
AD	85	115	30	14	4
AE	120	130	30	16	4
AF	120	150	30	16	4



IL PREZZO SI INTENDE ALLA COPPIA
PRICE PER PAIR
EL PRECIO SE ENTIENDE OR PAR
LE PRIX COMPREND LA PAIRE D'OUTILS
ЦЕНА ЗА ПАРУ



ART.
920

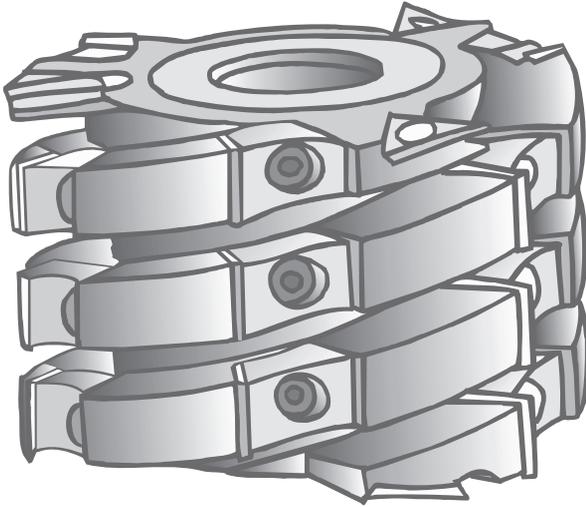
TESTA PER BATTUTA CON COLTELLI REVERSIBILI
ADZE BLOCK HEAD WITH REVERSIBLE KNIVES
CABEZAS PARA RENVALSO CON CUCHILLOS REVERSIBLES
PORTE-OUTIL POUR TENONNEUSE
ГОЛОВКА ДЛЯ ОБРАБОТКИ ДВЕРИ С РЕВЕРСИВНЫМИ НОЖАМИ

93



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
CA	125	70	35	6+6
CB	125	70	40	6+6



TESTA PER BATTUTA CON COLTELLI REVERSIBILI IN 4 LATI (12x12x1,5)
HM PER GRANDI ASPORTAZIONI

ADZE BLOCK HEAD WITH REVERSIBLES KNIVES
4 SIDES (12x12x1,5)
HM FOR BIG REMOVALS

CABEZAS PARA RENVALSO CON CUCHILLOS REVERSIBLES EN 4 LADOS (12x12x1,5)
HM PARA GRANDES REMOCIONES

PORTE-OUTIL POUR PAS-DE-PORTE AVEC COUTEAUX RÉVERSIBLES SUR LES 4 CÔTES (12x12x1,5)
HM POUR ENLEVER DE GRANDES SURFACES

ГОЛОВКА ДЛЯ ОБРАБОТКИ ДВЕРИ С РЕВЕРСИВНЫМИ РЕВЕРСИВНЫЕ 4-Х СТОРОННИЕ НОЖИ (12x12x1,5)
HM ДЛЯ ГЛУБОКИХ УДАЛЕНИЙ



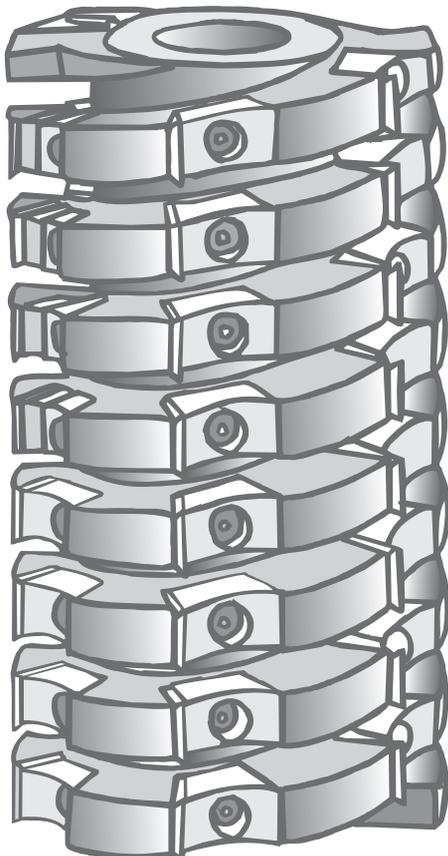
ART.
947

TESTA SPECIALE CON COLTELLI REVERSIBILI
SPECIAL HEAD WITH REVERSIBLE KNIVES
CABEZAS ESPECIAL CON CUCHILLOS REVERSIBLES
PORTE-OUTIL SPÉCIAL AVEC COUTEAUX RÉVERSIBLES
СПЕЦИАЛЬНАЯ ГОЛОВКА С РЕВЕРСИВНЫМИ НОЖАМИ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	100	100	35	6
AB	100	120	35	6
AC	100	170	35	6



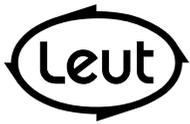
TESTA SPECIALE CON COLTELLI REVERSIBILI IN 4 LATI (12x12x1,5)
HM PER GRANDI ASPORTAZIONI

SPECIAL HEAD WITH REVERSIBLES KNIVES
4 SIDES (12x12x1,5)
HM FOR BIG REMOVALS

CABEZAS ESPECIAL CON CUCHILLOS REVERSIBLES EN 4 LADOS (12x12x1,5)
HM PARA GRANDES REMOCIONES

PORTE-OUTIL SPÉCIAL AVEC COUTEAUX RÉVERSIBLES SUR LES 4 CÔTES (12x12x1,5)
HM POUR ENLEVER DE GRANDES SURFACES

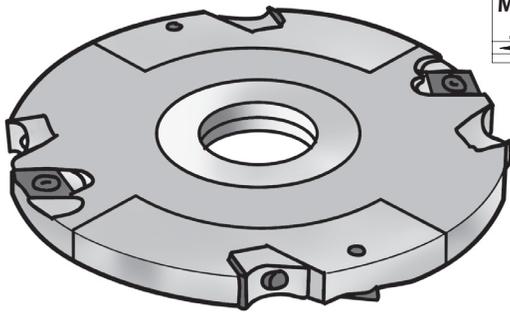
СПЕЦИАЛЬНАЯ ГОЛОВКА С РЕВЕРСИВНЫМИ РЕВЕРСИВНЫЕ 4-Х СТОРОННИЕ НОЖИ (12x12x1,5)
HM ДЛЯ ГЛУБОКИХ УДАЛЕНИЙ



ART.
923

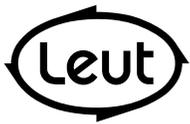
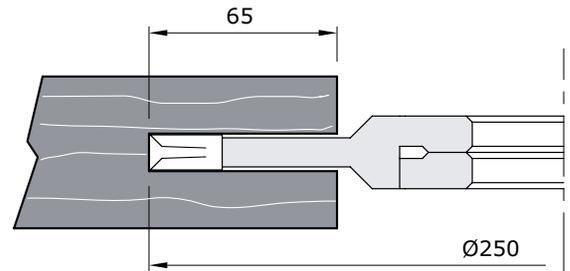
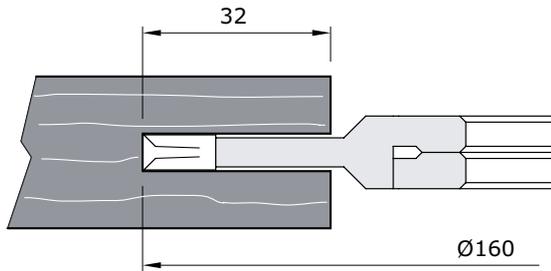
TESTE PORTACOLTELLI PER INCASTRI REGISTRABILI CON ANELLI
ADZE BLOCK HEADS RINGSET ADJUSTABLE RABBETS
CABEZAS PORTACUCHILLOS PARA JUNTAS AJUSTABLES CON ANILLO
PORTE-OUTILS À RAINER EXTENSIBLE
ГОЛОВКА С НОЖАМИ + КОЛЬЦА ДЛЯ РЕГУЛИРУЕМЫХ ПАЗОВ

94



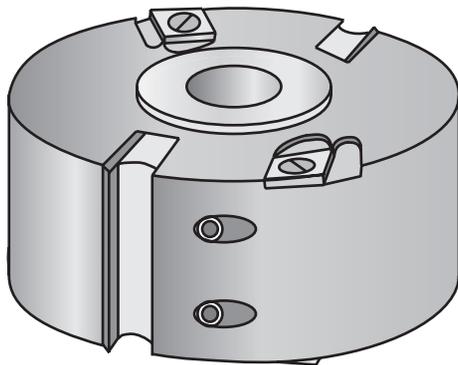
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	160	4-7.5	30/35/40/50	4	4
BA	160	8-16	30/35/40/50	4	4
CA	160	12-24	30/35/40/50	4	4
CB	160	16-30	30/35/40/50	4	4
DA	160	20-40	30/35/40/50	4	4
EA	160	30-60	30/35/40/50	4	4
FA	200	8-16	30/35/40/50	4	4
GA	200	12-24	30/35/40/50	4	4
HA	250	8-16	30/35/40/50	4	4
IA	250	12-24	30/35/40/50	4	4



ART.
955

TESTE PORTACOLTELLI PER BATTUTE CON RASANTI
ADZE BLOCK HEADS FOR PLANING DOORSTOP WITH SHAVERS
CABEZAS PORTACUCHILLOS CON RENVALSOS PARA CEPILLADORES
PORTE-OUTILS À CALIBRER AVEC RACLOIRS
ГОЛОВКА С НОЖАМИ + КОЛЬЦА ДЛЯ РЕГУЛИРУЕМЫХ ПАЗОВ



HW

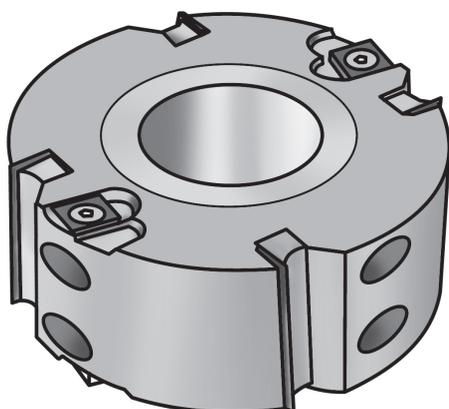
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AC	125	50	30/35/40/50	2	4

3



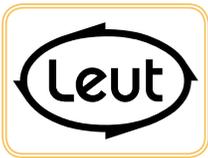
ART.
987

TESTE PORTACOLTELLI PER BATTUTE CON RASANTI
ADZE BLOCK HEADS FOR PLANING DOORSTOP WITH SHAVERS
CABEZAS PORTACUCHILLOS CON RENVALSOS PARA CEPILLADORES
PORTE-OUTILS À CALIBRER AVEC RACLOIRS
ГОЛОВКА С НОЖАМИ + КОЛЬЦА ДЛЯ РЕГУЛИРУЕМЫХ ПАЗОВ



HW

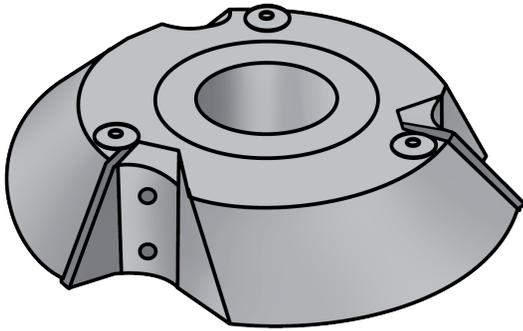
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AB	125	30	30/35/40/50	4	4
AC	125	50	30/35/40/50	4	4
BA	125	50	30/35/40/50	4	4
BC	180	50	30/35/40/50	4	4
CA	180	50	30/35/40/50	4	4
CC	200	50	30/35/40/50	4	4



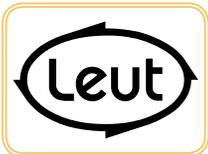
ART.
919

TESTA PORTACOLTELLI CON PROFILO INCLINATO A 45°
ADZE BLOCK HEADS WITH ANGLED 45° PROFILE
CABEZAS PORTACUCHILLOS CON PERFIL INCLINADO DE 45°
PORTE-OUTILS AVEC PROFIL INCLINÉ À 45°
ГОЛОВКА С НОЖАМИ ПРОФИЛИРОВАНИЯ ПОД НАКЛОНОМ, 45°

95



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AB	160	50	30/35/40/50	3

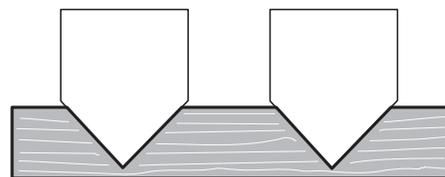
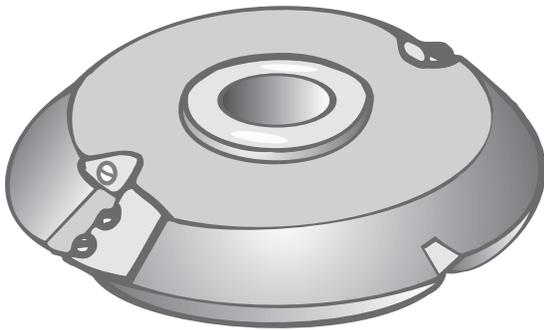


ART.
903

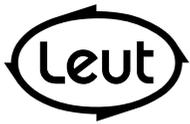
TESTA PORTACOLTELLI CON PROFILO INCLINATO
ADZE BLOCK HEADS WITH ANGLED PROFILE
CABEZAS PORTACUCHILLOS CON PERFIL INCLINADO
PORTE-OUTILS AVEC PROFIL INCLINÉ
ГОЛОВКА С НОЖАМИ ПРОФИЛИРОВАНИЯ ПОД НАКЛОНОМ



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AB	200	44	30/35/40/50	4



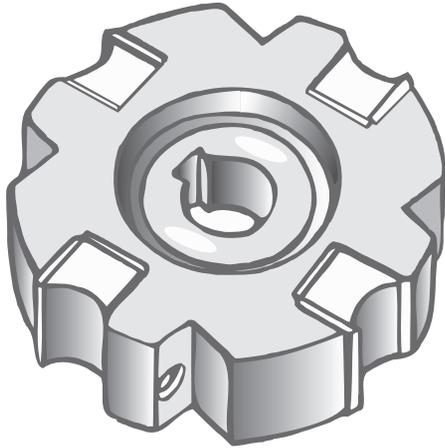
3



ART.
905

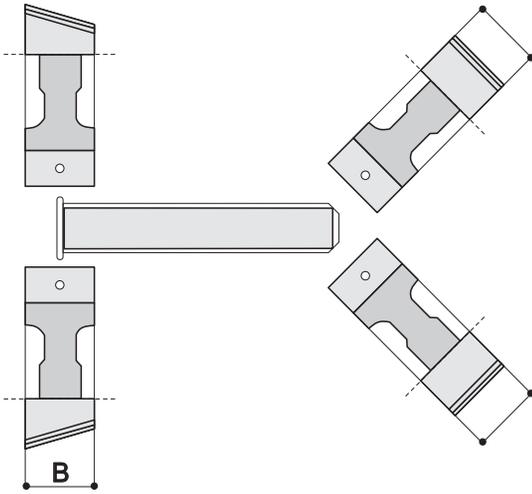
TESTE PORTACOLTELLI PER MACCHINA BORDATRICE
ADZE BLOCK HEADS FOR BEADER
CABEZAS PORTACUCHILLOS PARA MAQUINA REBORDEADORA
PORTE-OUTILS POUR MACHINE BORDEUSE
ГОЛОВКИ С НОЖАМИ ДЛЯ КРОМКОЗАГИБОЧНОГО СТАНКА

96



HW

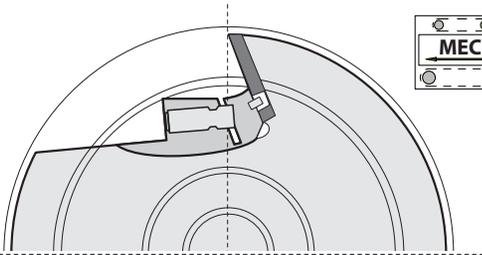
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	70	20	20 K	4
AB	70	20	20 K	6
AC	70	15	14 K	6
AD	70	15	14 K	4
AE	80	30	14 K	4
AF	100	30	14 K	4
AG	60	20	16	2
AH	80	30	16	4
BA	60	20	16	6
BB	80	20	20 K	4
BC	110	20	25 K	4
BD	110	20	25 K	12
BE	100	30	25 K	6
BF	80	20	20 K	6



ART.
980

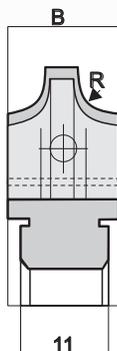
TESTE PORTACOLTELLI 1/4 DI TONDO CONCAVO
ADZE BLOCK HEADS 1/4 CONCAVE ROUND
CABEZAS PORTACUCHILLOS 1/4 REDONDO CONCAVO
PORTE-OUTILS 1/4 DE ROND CONCAVE
ГОЛОВКИ С НОЖАМИ ¼ ВОГНУТОЙ ОКРУГЛОСТИ

3

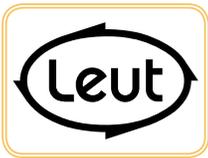


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	74	16		3	2
AB	74	16		3	3
AC	74	16		3	4
AD	74	16		3	5
AE	84	16		3	2
AF	84	16		3	3
AG	84	16		3	4
AH	84	16		3	5



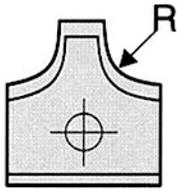
11



ART.
985

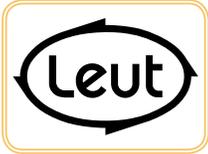
INSERTI PROFILATI HM
HM PROFILED INSERTS
INSERTOS PERFILADOS HM
ELÉMENTS PROFILÉS HM
ВСТАВКИ ПРОФИЛИРОВАНИЯ ИЗ HL

97



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	TAGLIANTI TEETH (n°)
AA	16 x 17.5 x 2	2
AB	16 x 17.5 x 2	3
AC	16 x 17.5 x 2	4
AD	16 x 17.5 x 2	5



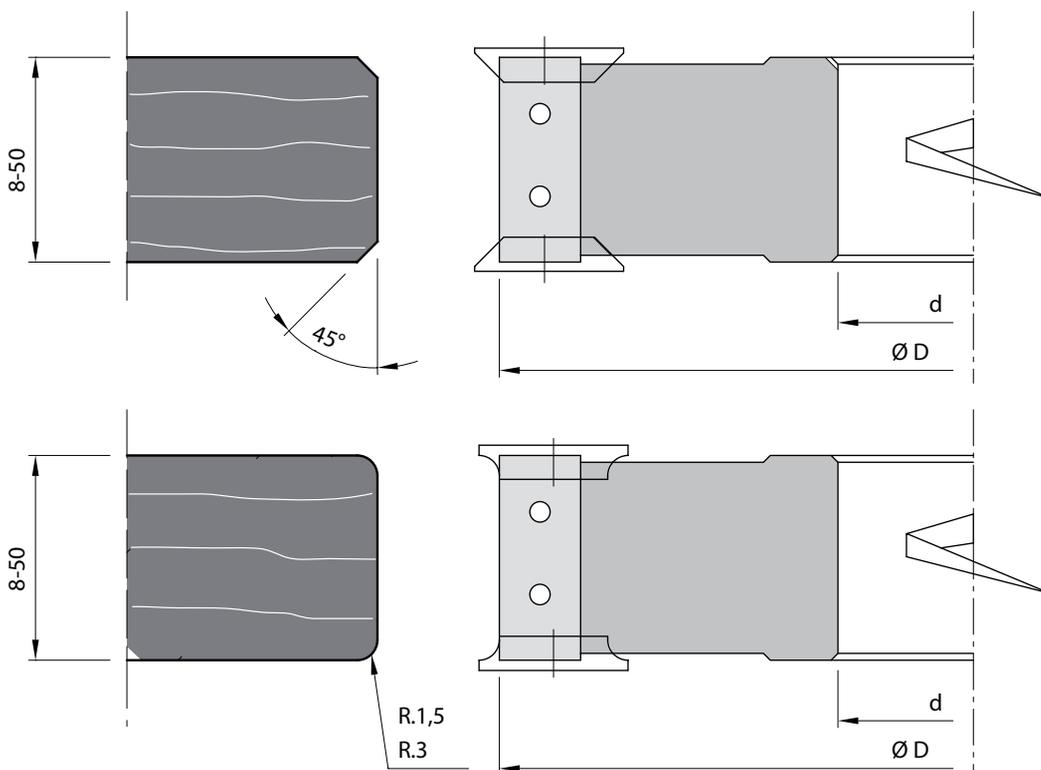
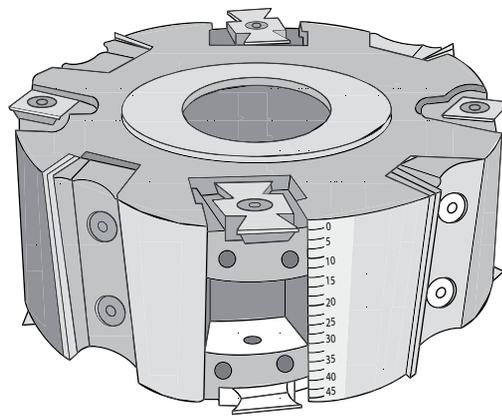
ART.
988

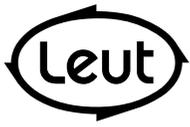
TESTA PER CONTORNARE PER LEVASPIGOLI
JOINTING CUTTER HEAD WITH EDGE-BREAKERS
CABEZA PARA CANTEAR CON MATA-CANTOS
PORTE-OUTIL À DRESSER, CHANFREINER OU ARRONDIR
ГОЛОВКА ДЛЯ КОНТУРА И КРОМКИ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	125	50	30/35/40/50	4	4





ART.
947
959

TESTE PORTACOLTELLI CON RASANTI
ADZE BLOCK HEADS WITH SHAVERS
CABEZAS PORTACUCHILLOS CON CEPILLADORES
PORTE-OUTILS AVEC RACLOIRS
ГОЛОВКИ С НОЖАМИ СО СТРОГАТЕЛЯМИ

98

TESTA PORTACOLTELLI CON RASANTI PER SCANALATURE
DI GUIDA PER BANCHI RIGATI PER SCORNICIATRICI - SCM -

HW

CUTTER HEAD WITH SHAVERS FOR GUIDE GROOVERS FOR
SCORED BENCHES FOR MATCHING MACHINES - SCM -

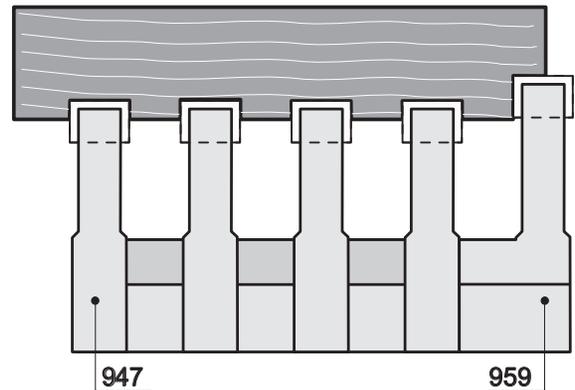
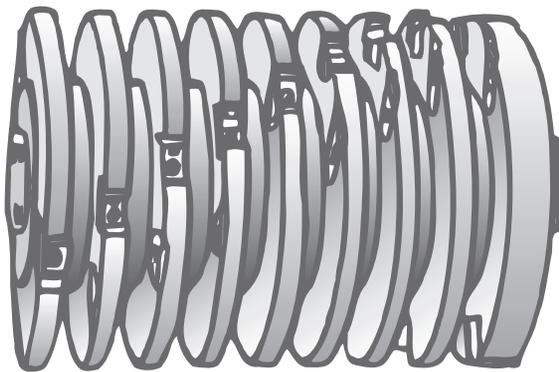


CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
959-AA	145	12	40	2	2
947-AB	120	12	40	2	2

CABEZAS PORTACUCHILLOS CON CEPILLADORES PARA RANURAS
DE GUIDA PARA BANCOS RAYADOS PARA MACHIHEMBRADORAS - SCM -

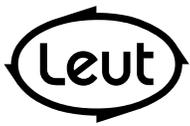
PORTE-OUTILS AVEC RACLOIRS POUR RAINURES
DE GUIDAGE POUR BANCS RAYÉS POUR MOULURIÈRES - SCM -

ГОЛОВКИ С НОЖАМИ СО СТРОГАТЕЛЯМИ ДЛЯ ШПУНТИН
НАПРАВЛЯЮЩЕГО ВЫСТУПА ДЛЯ ПОЛОСАТЫХ СТЕНДОВ ДЛЯ ЧЕТЫРЕХСТОРОННЫЕ СТАНКИ - SCM -



947

959



ART.
951

TESTE PORTACOLTELLI CON RASANTI
ADZE BLOCK HEADS WITH SHAVERS
CABEZAS PORTACUCHILLOS CON CEPILLADORES
PORTE-OUTILS AVEC RACLOIRS
ГОЛОВКИ С НОЖАМИ СО СТРОГАТЕЛЯМИ

3



HW

TESTA PORTACOLTELLI CON RASANTI PER SCANALATURE
DI GUIDA PER BANCHI RIGATI PER SCORNICIATRICI - WEINING -

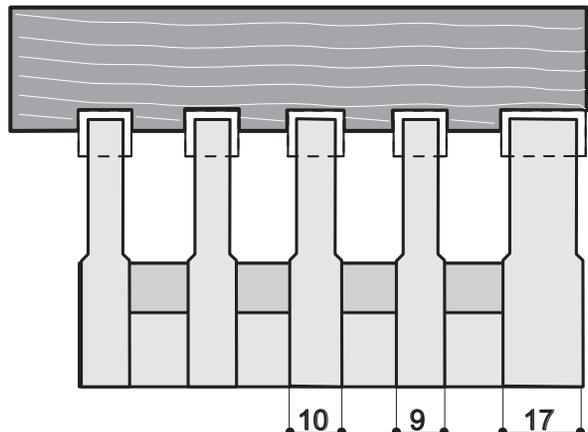
CUTTER HEAD WITH SHAVERS FOR GUIDE GROOVERS FOR
SCORED BENCHES FOR MATCHING MACHINES - WEINING -

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	125	9	35	2	2
AB	125	10	35	2	2
AC	125	17	35	2	2
BA	125	9	40	2	2
BB	125	10	40	2	2
BC	125	17	40	2	2

CABEZAS PORTACUCHILLOS CON CEPILLADORES PARA RANURAS
DE GUIDA PARA BANCOS RAYADOS PARA MACHIHEMBRADORAS - WEINING -

PORTE-OUTILS AVEC RACLOIRS POUR RAINURES
DE GUIDAGE POUR BANCS RAYÉS POUR MOULURIÈRES - WEINING -

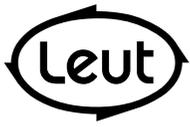
ГОЛОВКИ С НОЖАМИ СО СТРОГАТЕЛЯМИ ДЛЯ ШПУНТИН
НАПРАВЛЯЮЩЕГО ВЫСТУПА ДЛЯ ПОЛОСАТЫХ СТЕНДОВ
ДЛЯ ЧЕТЫРЕХСТОРОННЫЕ СТАНКИ - WEINING -



10

9

17



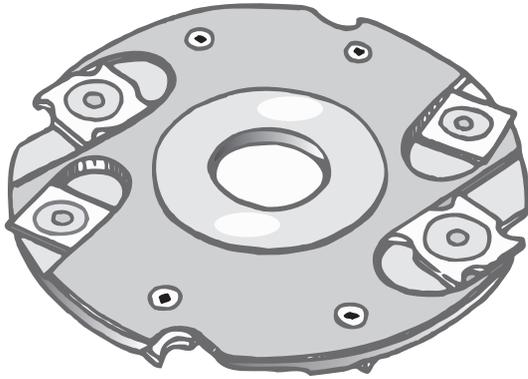
ART.
983

TESTE PORTACOLTELLI PER INCASTRI
ADZE BLOCK HEADS FOR RABBETS
CABEZAS PORTACUCHILLOS PARA JUNTAS
PORTE-OUTILS À RAINER
ГОЛОВКИ С НОЖАМИ ДЛЯ ПАЗОВ

99

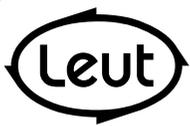


HW



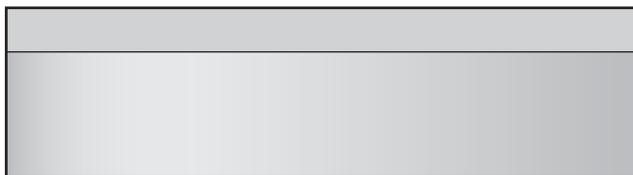
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	80	4	30/35/40	4	4
AB	80	5	30/35/40	4	4
AC	80	6	30/35/40	4	4
AD	80	7	30/35/40	4	4
AE	80	8	30/35/40	4	4
BA	100	4	30/35/40	4	4
BB	100	5	30/35/40	4	4
BC	100	6	30/35/40	4	4
BD	100	7	30/35/40	4	4
BE	100	8	30/35/40	4	4
CA	120	4	30/35/40/50	4	4
CB	120	5	30/35/40/50	4	4
CC	120	6	30/35/40/50	4	4
CD	120	7	30/35/40/50	4	4
CE	120	8	30/35/40/50	4	4
DA	150	4	30/35/40/50	4	4
DB	150	5	30/35/40/50	4	4
DC	150	6	30/35/40/50	4	4
DD	150	7	30/35/40/50	4	4
DE	150	8	30/35/40/50	4	4
EA	180	4	30/35/40/50	4	4
EB	180	5	30/35/40/50	4	4
EC	180	6	30/35/40/50	4	4
ED	180	7	30/35/40/50	4	4
EE	180	8	30/35/40/50	4	4
FA	220	4	30/35/40/50	4	4
FB	220	5	30/35/40/50	4	4
FC	220	6	30/35/40/50	4	4
FD	220	7	30/35/40/50	4	4
FE	220	8	30/35/40/50	4	4
FA	250	4	30/35/40/50	4	4
FB	250	5	30/35/40/50	4	4
FC	250	6	30/35/40/50	4	4
FD	250	7	30/35/40/50	4	4
FE	250	8	30/35/40/50	4	4

3



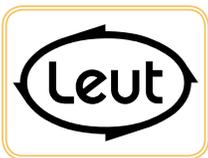
ART.
1000

COLTELLI PER PIALLA
PLANE CUTTERS
CUCHILLOS PARA CHEPILLO
COUTEAUX POUR RABOTEUSE
НОЖИ ДЛЯ СТРОГАНИЯ



HSS

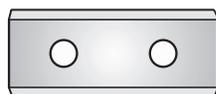
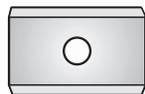
CODICE CODE	18%W	MISURE (mm) SIZES (mm)	
AA	250	35	3
BA	300	35	3
CA	350	35	3
DA	400	35	3
EA	410	35	3
FA	430	35	3
GA	500	35	3
HA	510	35	3
IA	530	35	3
KA	600	35	3
LA	610	35	3
MA	630	35	3
NA	700	35	3



ART.
907

COLTELLI IN HM INTEGRALE A GETTARE - (Coltelli mm12)
DISPOSABLE HM INTEGRAL CUTTERS - (Cutters mm12)
CUCHILLOS DE HM INTEGRAL NO RECUPERABLES - (Cuchillos mm12)
PLAQUETTES À JETER EN HM INTÉGRAL - (Couteaux mm12)
СМЕННЫЕ НОЖИ ИЗ HM (ножи мм.12)

100



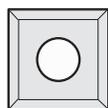
HW

CODICE CODE	LUNGHEZZA LENGHT (mm)	ALTEZZA HEIGHT (mm)	SPESSORE THICKNESS (mm)
BB	7.5	12	1.5
BC	12	12	1.5
BD	15	12	1.5
BE	20	12	1.5
BF	30	12	1.5
BG	50	12	1.5
BH	60	12	1.5
BI	80	12	1.5
BL	20	5.5	1
BM	40	5.5	1
BN	50	5.5	1



ART.
943

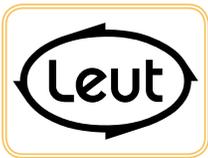
RASANTI IN HM INTEGRALE A GETTARE
DISPOSABLE HM INTEGRAL SHAVERS
CEPILLADORES DE HM INTEGRAL NO RECUPERABLES
RACLOIRS À JETER EN HM INTÉGRAL
СТРОГАТЕЛИ СМЕННЫЕ ИЗ HM



HW

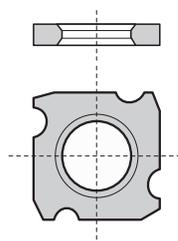
CODICE CODE	LUNGHEZZA LENGHT (mm)	ALTEZZA HEIGHT (mm)	SPESSORE THICKNESS (mm)
AA	14	14	2
BA	14	14	1.2

3



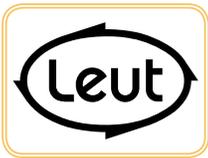
ART.
979

COLTELLI IN HM INTEGRALE A GETTARE
DISPOSABLE HM INTEGRAL CUTTERS
CUCHILLOS DE HM INTEGRAL NO RECUPERABLES
PLAQUETTES À JETER EN HM INTÉGRAL
СТРОГАТЕЛИ СМЕННЫЕ ИЗ HM



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	ALTEZZA HEIGHT (mm)	SPESSORE THICKNESS (mm)
AA	18	18	1.95



ART.
01 100

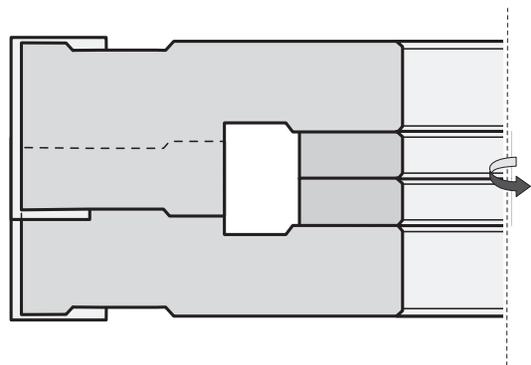
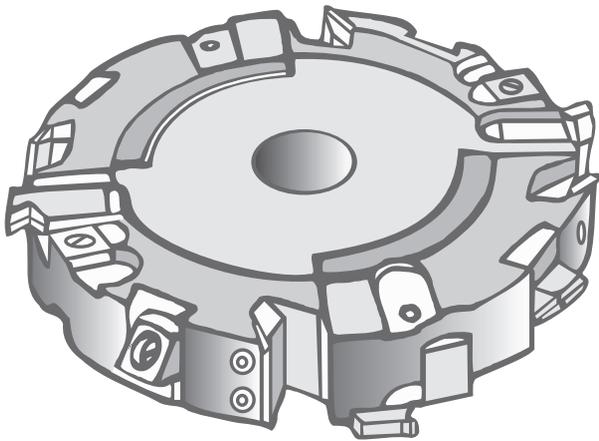
FRESA A SPESSORE VARIABILE MULTIUSO
MULTI-PURPOSE VARIABLE THICKNESS CUTTER
FRESA A ESPESOR VARIABLE MULTIUSOS
PORTE-OUTIL À ÉPAISSEUR VARIABLE À USAGE MULTIPLES
МУЛЬТИФРЕЗА ВАРЬИРУЮЩЕЙ ТОЛЩИНЫ

101

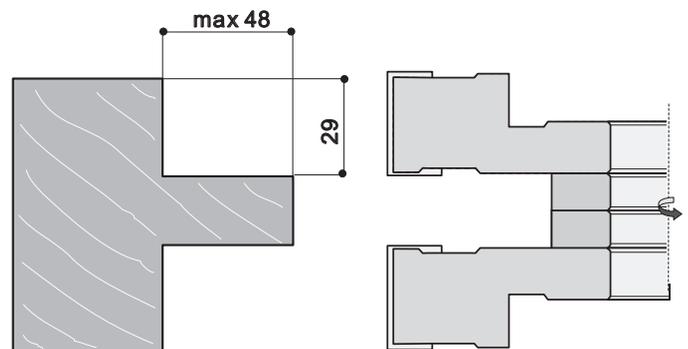
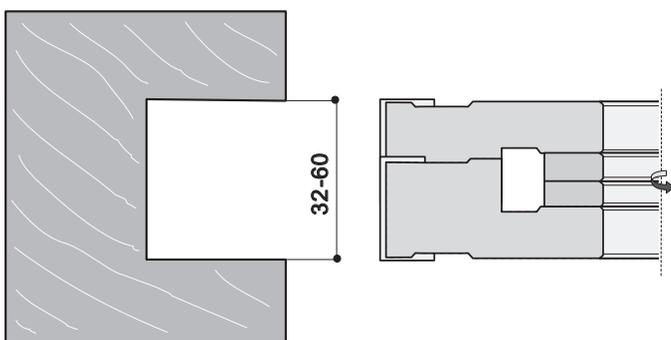


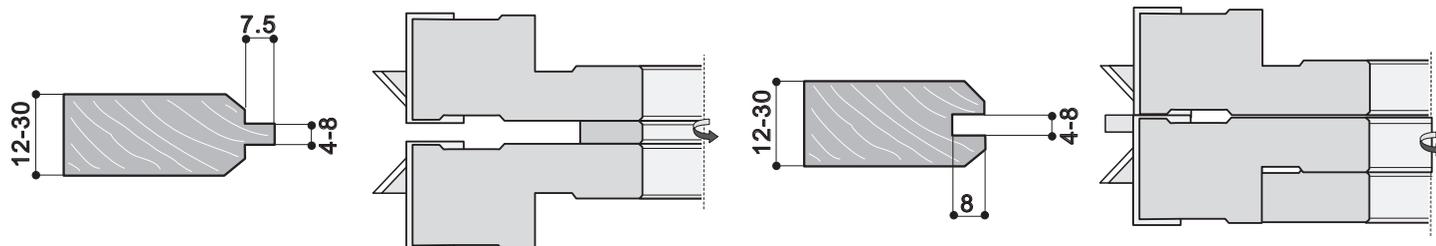
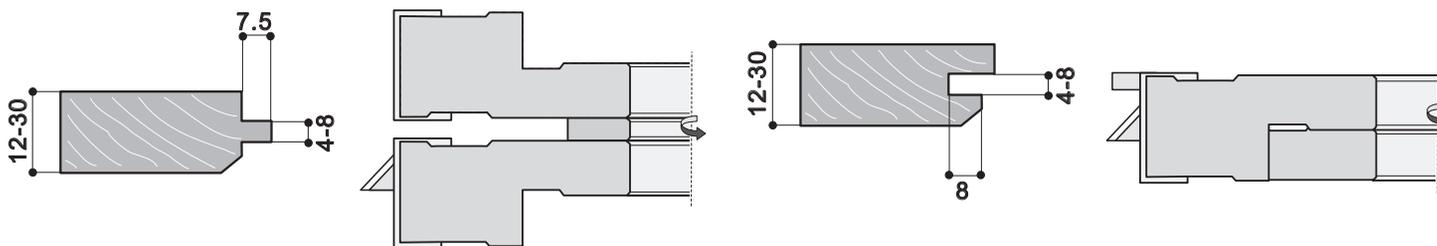
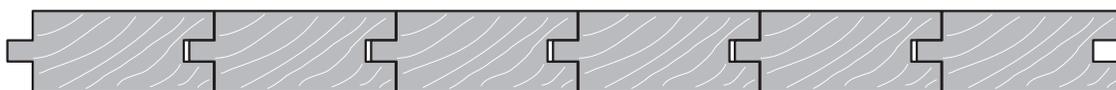
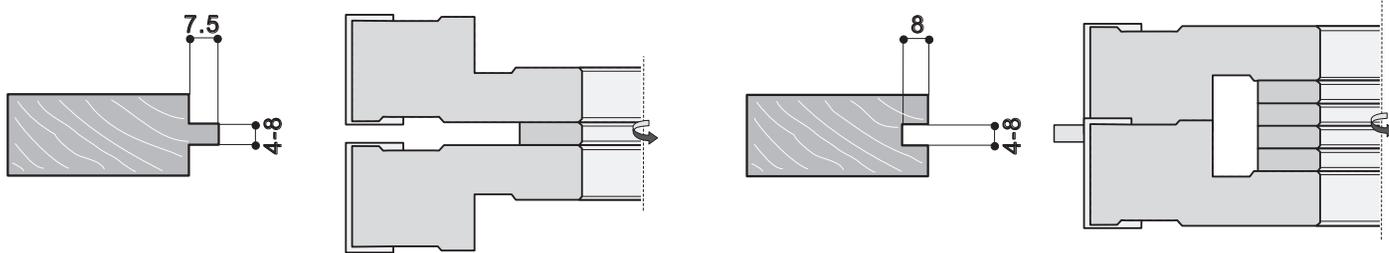
HW

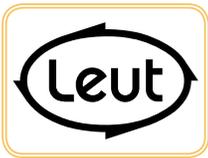
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
100	160	32-60	30/35/40/50	4	4



3



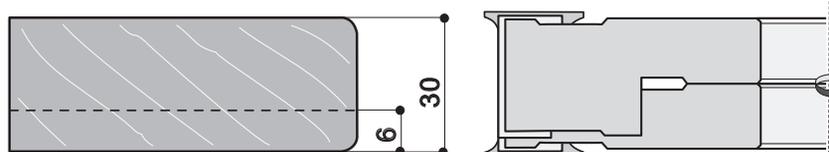
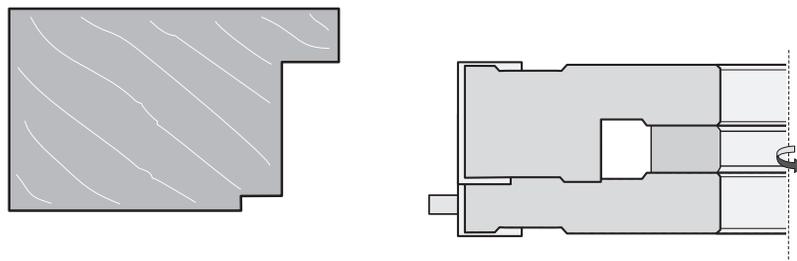
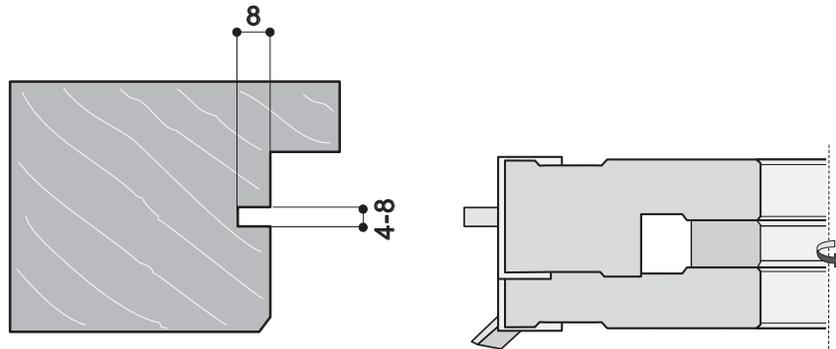
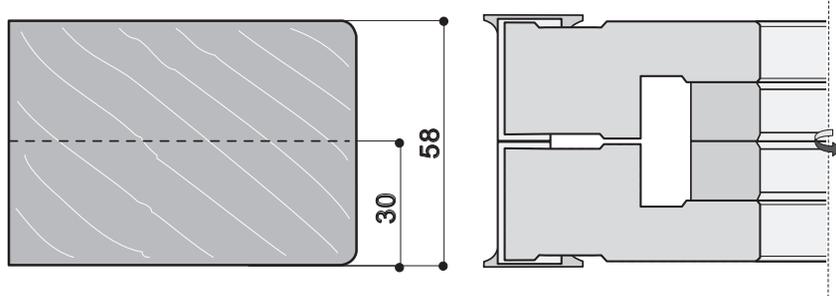
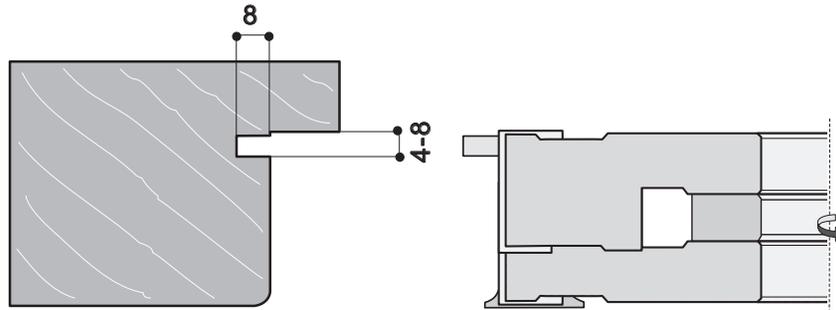
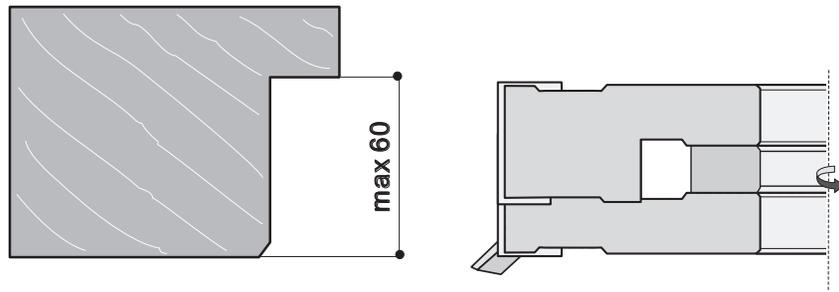




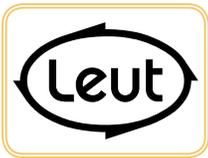
ART.
01 100

ESEMPLI DI LAVORAZIONE CON INSERTI A CORREDO
EXAMPLES OF PROCESSING WITH INSERTS IN SUPPLY
EJEMPLO DE ELABORACIÓN CON CUCHILLAS DE DOTACIÓN
EXEMPLES D'UNISAGE AVEC INSERTIONS EN DOTATION
ПРИМЕРЫ ОБРАБОТКИ С УКОМПЛЕКТОВАННЫМИ ЭЛЕМЕНТАМИ

103



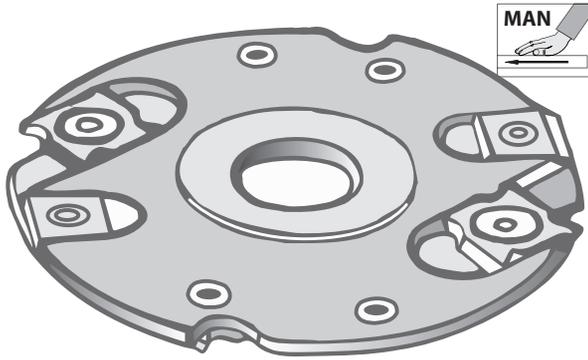
3



ART.
01 101

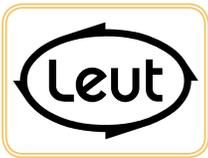
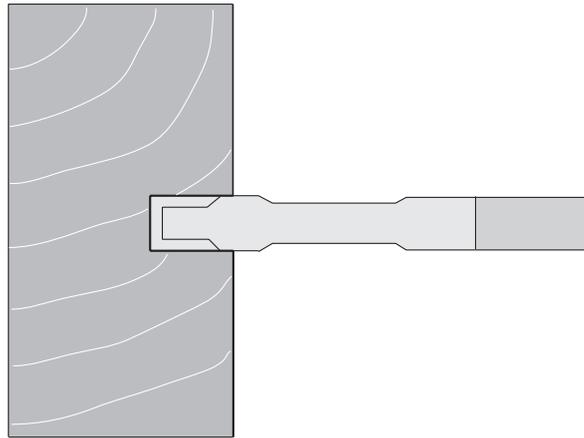
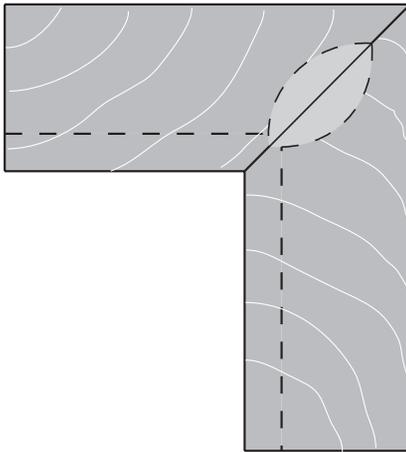
FRESA PER INCASTRI - (Lamello)
GROOVE CUTTER - (Lamello)
FRESA PARA ENSAMBLES - (Lamela)
PORTE-OUTIL POUR EMBOÎTEMENTS - (Lamello)
ФРЕЗЫ ДЛЯ ПАЗОВ (ламель)

104



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
100	100	4	22	4	4



ART.
01 102

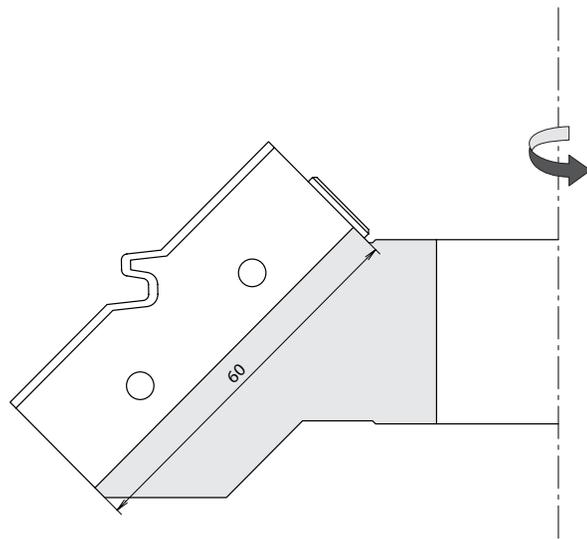
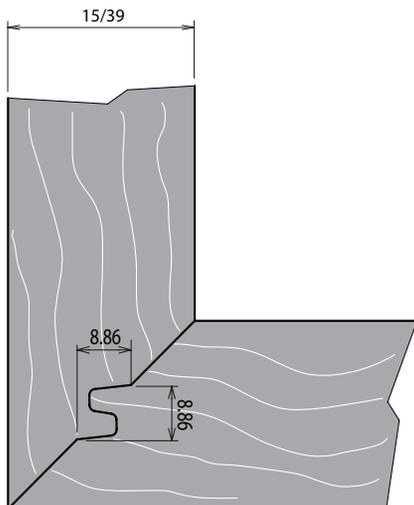
FRESA PER GIUNZIONI A 45° PER LEGNI SOTTILI
CUTTER FOR JOINTS AT 45° FOR THIN WOOD
FRESA PARA JUNTAS A 45° PARA MADERAS DELGADAS
PORTE-OUTIL POUR ABOUATGE À 45° POUR BOIS FINS
ФРЕЗЫ ДЛЯ СРАЩИВАНИЯ ПОД 45° ДЛЯ ТОНКОЙ ДРЕВЕСИНЫ

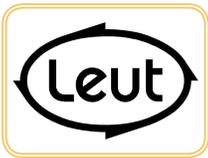
3



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
102 AA	180	15-35	30/35/40	3

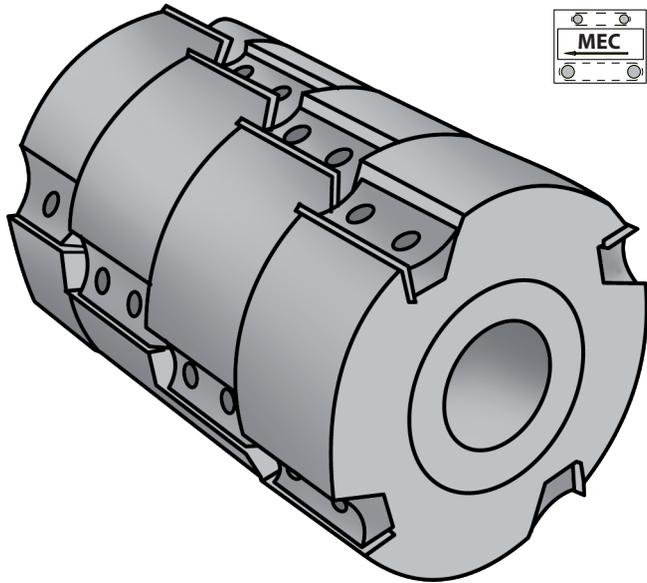




ART.
01 103

FRESE COMBinate PER ESEGUIRE PIALLATURE
COMBINED PLANER CUTTERS
FRESA PARA CEPILLAR COMBINADOS
PORTE-OUTILS COMBINÉS POUR RABOTAGES
ФРЕЗЫ СТРОГАЛЬНЫЕ КОМБИНИРОВАННЫЕ

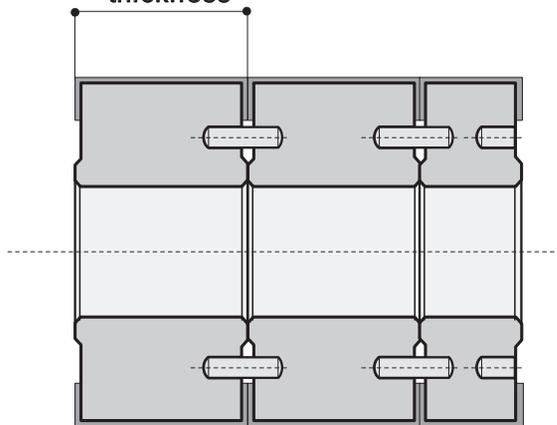
105



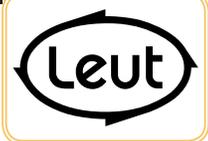
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
103	100	20	30/35	4
105	100	30	30/35	4
107	100	40	30/35	4
109	100	50	30/35	4
104	120	20	30/35/40	4
106	120	30	30/35/40	4
108	120	40	30/35/40	4
110	120	50	30/35/40	4
113	125	20	30/35/40	4
115	125	30	30/35/40	4
117	125	40	30/35/40	4
119	125	50	30/35/40	4
114	140	20	30/35/40/50	4
116	140	30	30/35/40/50	4
118	140	40	30/35/40/50	4
120	140	50	30/35/40/50	4

Spessore thickness



3



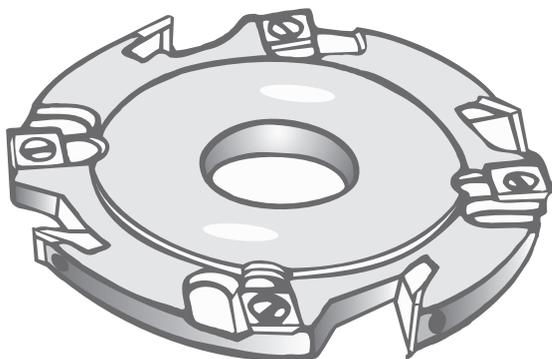
ART.
01 104

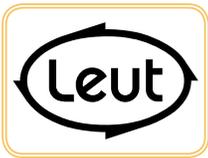
FRESE RASANTI
SHAVING CUTTERS
FRESA PARA ENDEREZAR
PORTE-OUTILS RACLANTS
ФРЕЗЫ СТРОГАЛЬНЫЕ



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	TAGLIENTI TEETH (n°)
111	120	12	30/35	2	4
112	145	12	30/35/40	4	4
113	160	12	30/35/40	4	4

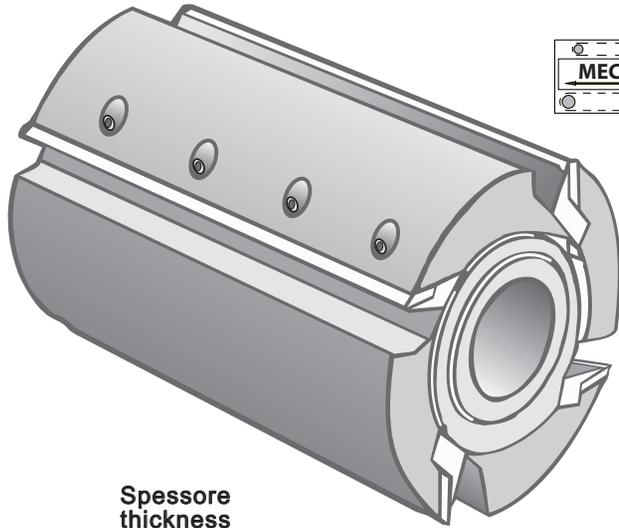




ART.
01 105

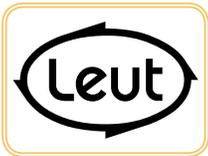
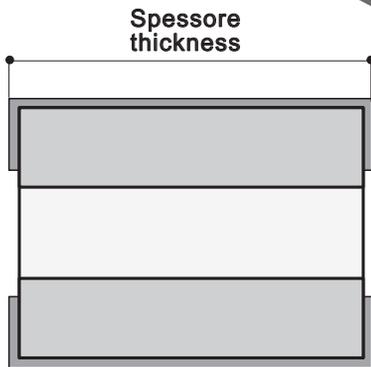
TESTE A PIALLARE IN LEGA LEGGERA
LIGHT ALLOY PLANE HEADS
CABEZAL PARA CEPILLAR EN ALCIÓN LIGERA
PORTE-OUTILS À RABOTER EN ALLIAGE LÉGER
ГОЛОВКИ ДЛЯ СТРОГАНИЯ ИЗ ЛЁГКОГО СПЛАВА

106



HSS

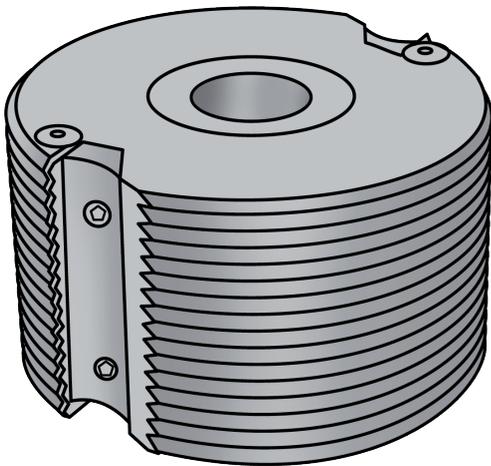
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
115	125	100	30/35/40	4
117	125	120	30/35/40	4
119	125	130	30/35/40	4
121	125	150	30/35/40	4
123	125	160	30/35/40	4
125	125	180	30/35/40	4
127	125	190	30/35/40	4
129	125	200	30/35/40	4
131	125	230	30/35/40	4
114	140	100	30/35/40	4
116	140	120	30/35/40	4
118	140	130	30/35/40	4
120	140	150	30/35/40	4
122	140	160	30/35/40	4
124	140	180	30/35/40	4
128	140	190	30/35/40	4
130	140	200	30/35/40	4
132	140	230	30/35/40	4



ART.
01 106

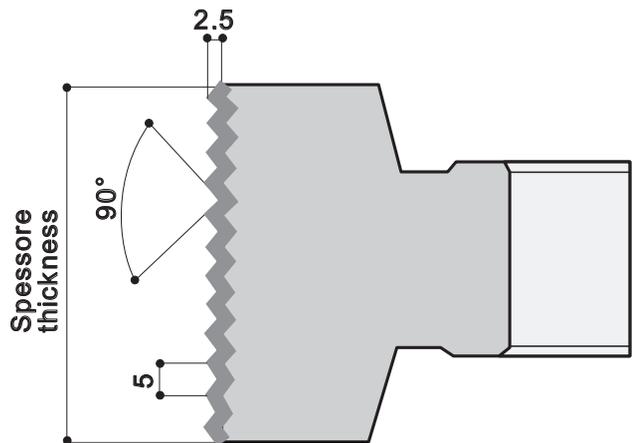
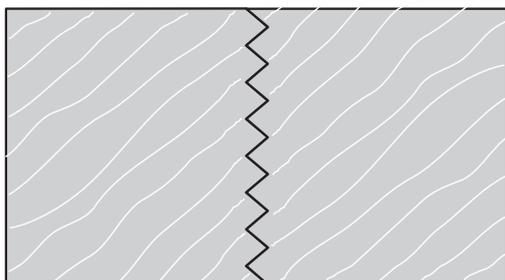
FRESA PER GIUNZIONI
CUTTERS FOR JOINTS
FRESA PARA ENSAMBLES
PORTE-OUTIL BOUVETAGE
ФРЕЗЫ ДЛЯ СРАЩИВАНИЯ

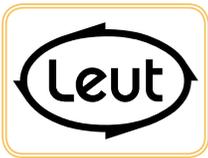
3



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
133	140	60	30/35/40/50	2
134	140	80	30/35/40/50	2





ART.
01 107

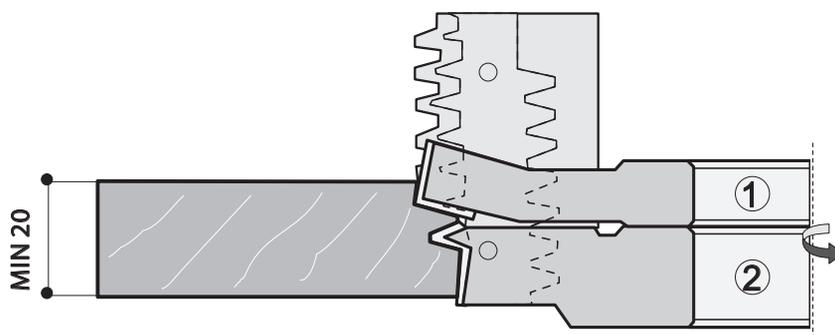
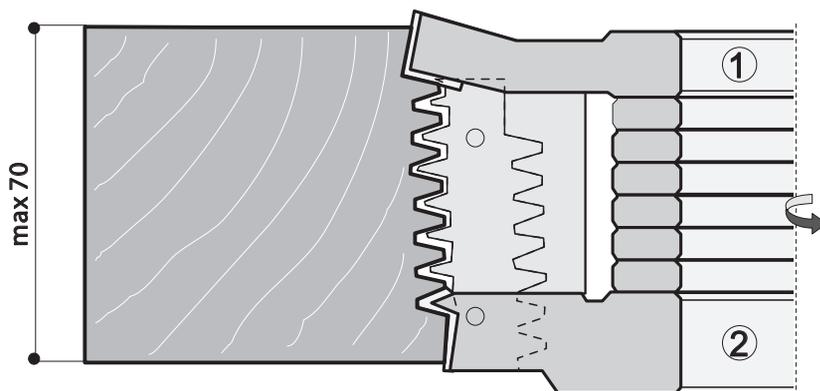
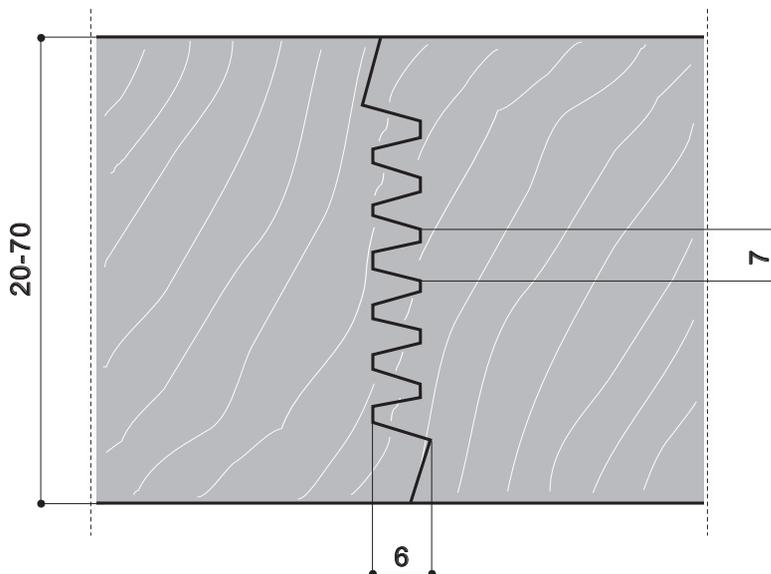
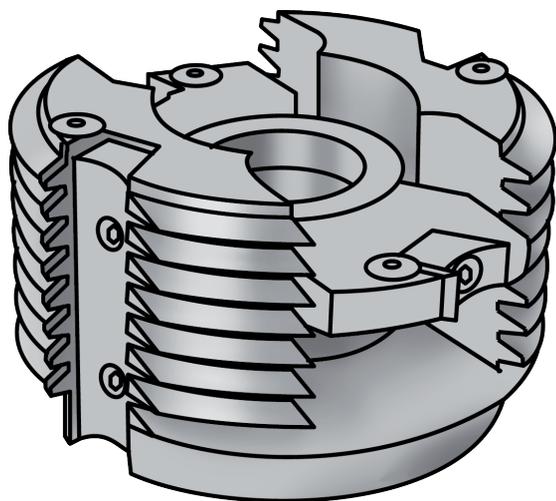
FRESA PER GIUNZIONI A SPESSORE VARIABILE
VARIABLE THICKNESS JOINT CUTTER
FRESA PARA ENSAMBLES A ESPESOR VARIABLE
PORTE-OUTIL BOUVETAGE À ÉPAISSEUR VARIABLE
ФРЕЗЫ ДЛЯ СРАЩИВАНИЯ ВАРЬИРУЮЩЕЙ ТОЛЩИНЫ

107

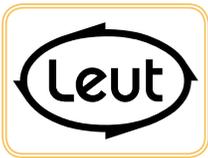


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
135	140	80	30/35/40/50	2



3



ART.
716

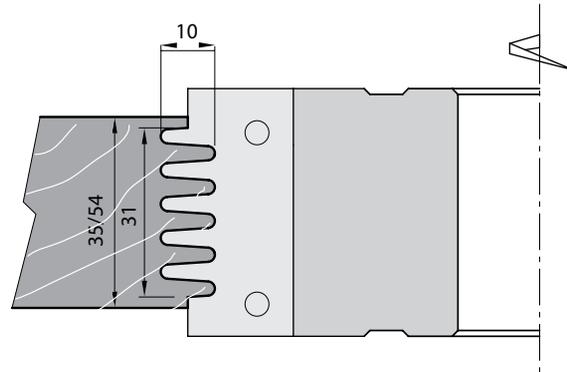
FRESA PER GIUNZIONI DI ELEMENTI
ELEMENTS JOINTING CUTTERHEAD
FRESA ENSAMBLAR DE CUCHILLAS RECAMBIABLES
PORTE-OUTIL À JOINTER
ФРЕЗА ДЛЯ СРАЩИВАНИЯ ЭЛЕМЕНТОВ

108

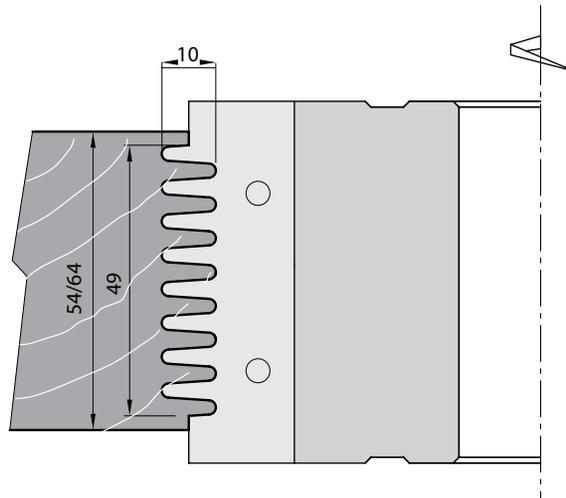


HW

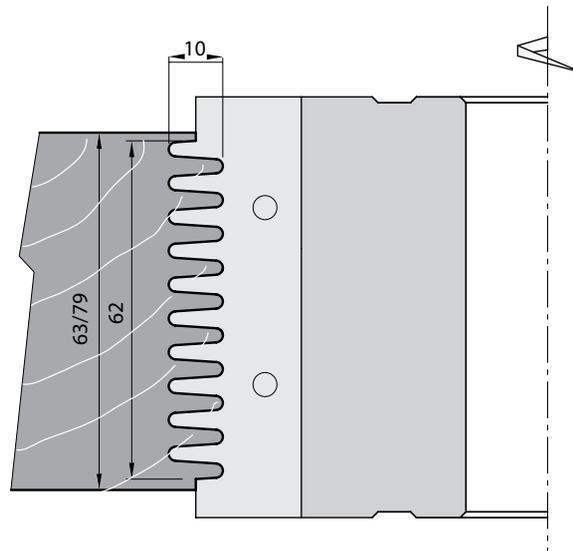
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA PROF. 1	140	35/54	30/32/35/40/50	3
AB PROF. 2	140	54/64	30/32/35/40/50	3
AC PROF. 3	140	63/79	30/32/35/40/50	3



PROFILO 1



PROFILO 2

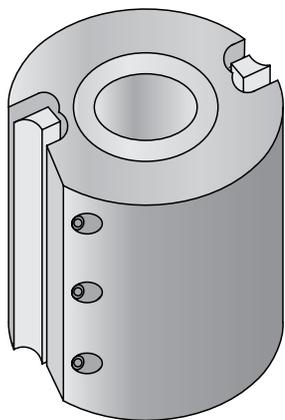


PROFILO 3

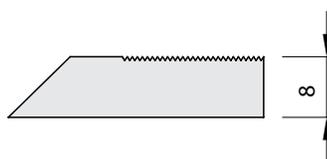
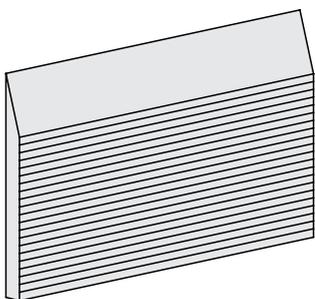
3


HSS

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
A-A	122	40	32/35/40	2
A-B	122	60	32/35/40	2
A-C	122	80	32/35/40	2
A-D	122	100	32/35/40	2
A-E	122	130	32/35/40	2
A-F	122	150	32/35/40	2
A-G	122	180	32/35/40	2
A-H	122	230	32/35/40	2

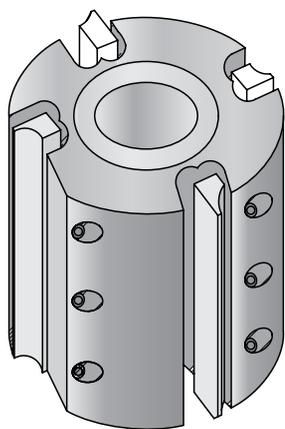


- CORPO UTENSILE ESCLUSO COLTELLI
- TOOL BODY WITHOUT KNIVES
- CUERPO UTENSILIO SIN CUCHILLAS
- CORPS D'OUTIL PLAQUETTES EXCLUES
- КОРПУС ИНСТРУМЕНТА БЕЗ НОЖЕЙ

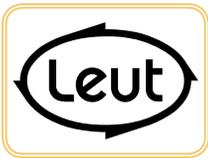

3

HSS

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
A-I	122	40	30/32/35/40	4
A-L	122	60	30/32/35/40	4
A-M	122	80	30/32/35/40	4
A-N	122	100	30/32/35/40	4
A-O	122	130	30/32/35/40	4
A-P	122	150	30/32/35/40	4
A-Q	122	180	30/32/35/40	4
A-R	122	230	30/32/35/40	4
A-S	137	40	50	4
A-T	137	60	50	4
A-U	137	80	50	4
A-V	137	100	50	4
A-Z	137	130	50	4
A-Y	137	150	50	4
A-X	137	180	50	4
A-W	137	230	50	4



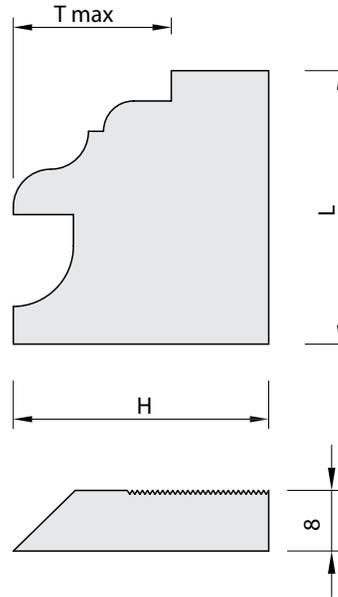
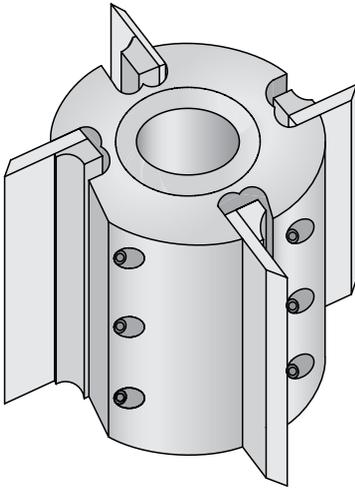
- CORPO UTENSILE ESCLUSO COLTELLI
- TOOL BODY WITHOUT KNIVES
- CUERPO UTENSILIO SIN CUCHILLAS
- CORPS D'OUTIL PLAQUETTES EXCLUES
- КОРПУС ИНСТРУМЕНТА БЕЗ НОЖЕЙ



ART.
200

COLTELLI HSS PER PROFILI SPECIALI
HSS KNIVES FOR SPECIAL PROFILES
HSS CUCHILLAS PARA ESPECIALES PARFILES
COUTEAUX CRANTÉS HSS POUR MOULURE SPÉCIALE
НОЖИ ИЗ HSS СПЕЦИАЛЬНЫЙ ПРОФИЛЬ

110



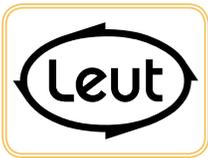
T max:
H40 = 6mm
H50 = 15mm
H60 = 22mm
H70 = 30mm

-COLTELLI HSS NON PROFILATI -
-HSS KNIVES NOT PROFILED -
-HSS EUCILLAS NO PERFILADAS -
-HSS COUTEAUX NON-PROFILÉES -
-НОЖИ ИЗ HSS БЕЗ ПРОФИЛЯ -



HSS

CODE CODICE	L (mm)	H (mm)
A-A	40	40 / 50 / 60 / 70
A-B	60	40 / 50 / 60 / 70
A-C	80	40 / 50 / 60 / 70
A-D	100	40 / 50 / 60 / 70
A-E	130	40 / 50 / 60 / 70
A-F	150	40 / 50 / 60 / 70
A-G	230	40 / 50 / 60 / 70
A-H	260	40 / 50 / 60 / 70
A-I	500	40 / 50 / 60 / 70
A-L	635	40 / 50 / 60 / 70
A-M	650	40 / 50 / 60 / 70



ART.
963

TESTA PORTACOLTELLI PER SPIANARE O PER SMUSSI
ADZE BLOCK HEADS FOR PLANING OR CHANFERING
CABEZAS PORTACUCHILLAS DE ALLANAR O CHAFLANAR
PORTE-OUTIL À INCLINAISON VARIABLE, REGLABLE DE ° EN °
ГОЛОВКА С НОЖАМИ ДЛЯ СТРОГАНИЯ ИЛИ ДЛЯ КРОМКИ

111

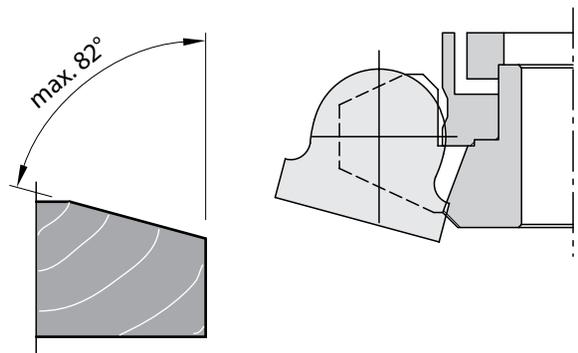
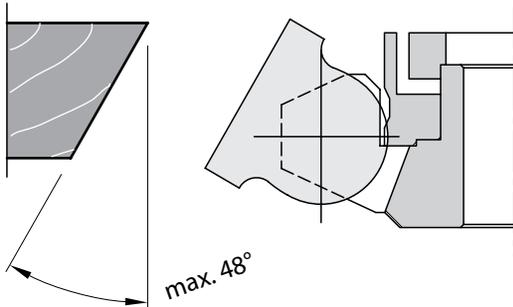
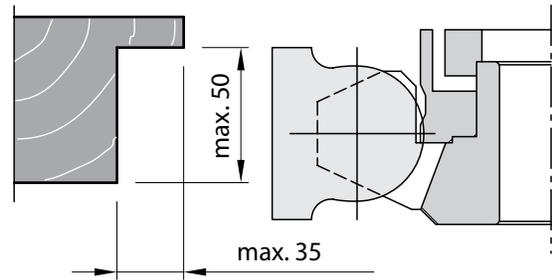
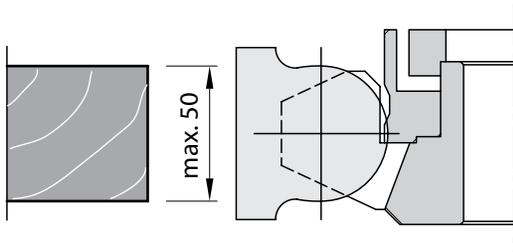


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	RASANTI SCRIBERS (n°)
AA	165	50	30/35/40/50	2	4

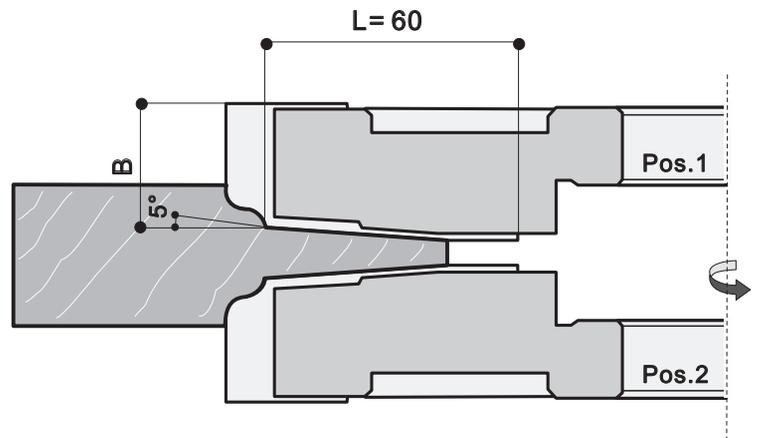
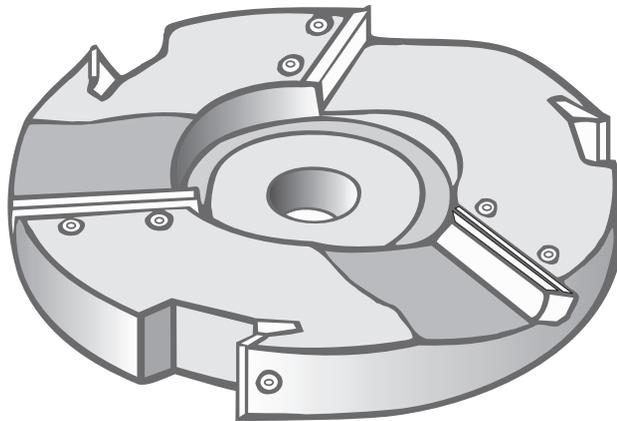


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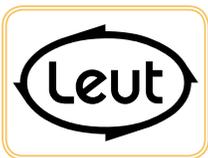



HW

CODICE CODE	PROFILO PROFILE	POSIZIONE POSITION	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)	L (mm)
200-01	0	1	220	30	30/35/40/50	3+3	60
200-02	0	2	220	30	30/35/40/50	3+3	60
200-03	1	1	220	30	30/35/40/50	3+3	60
200-04	1	2	220	30	30/35/40/50	3+3	60
200-05	2	1	220	30	30/35/40/50	3+3	60
200-06	2	2	220	30	30/35/40/50	3+3	60
200-07	3	1	220	30	30/35/40/50	3+3	60
200-08	3	2	220	30	30/35/40/50	3+3	60
200-09	4	1	220	30	30/35/40/50	3+3	60
200-10	4	2	220	30	30/35/40/50	3+3	60
200-11	5	1	220	30	30/35/40/50	3+3	60
200-12	5	2	220	30	30/35/40/50	3+3	60


3

Profilo 0 	Profilo 1
Profilo 2 	Profilo 3
Profilo 4 	Profilo 5



ART.
01 109

FRESA PER PIATTABANDA
CUTTER FOR PANEL RISING CUTTER
FRESA PARA PLAFONES
PORTE-OUTIL POUR PLATE-BANDES 5 PROFILES
ФРЕЗА ДЛЯ ФИЛЁНЧАТОЙ ДВЕРИ

113

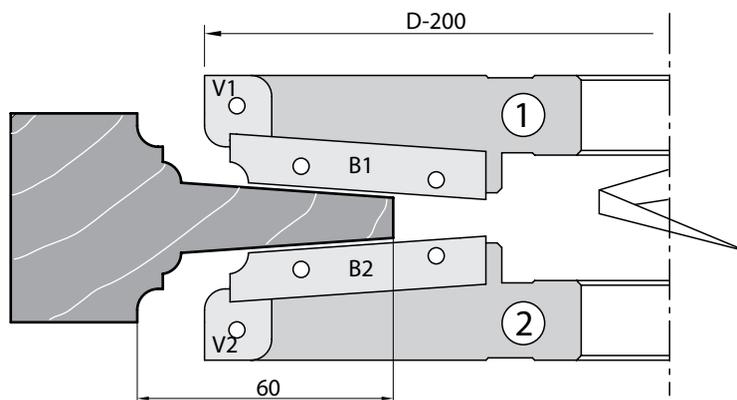
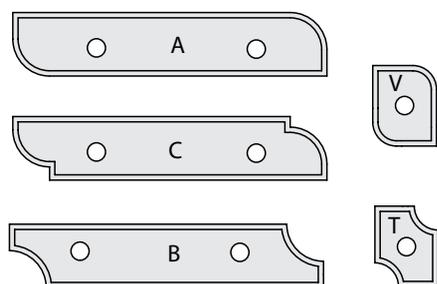


HW

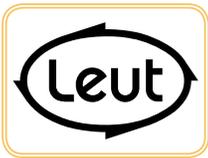
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200-16	2	12	200	30/32/35/40/50	2+2



3

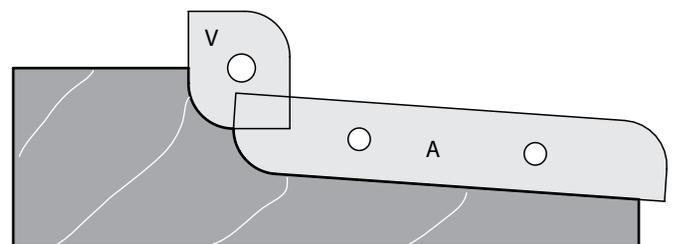
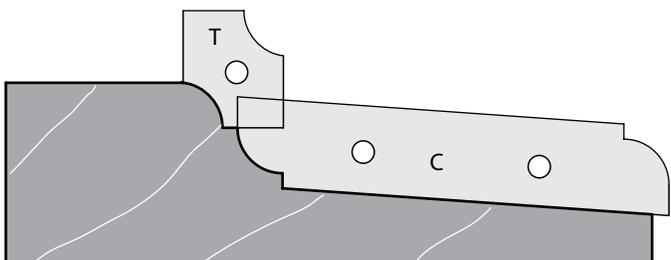
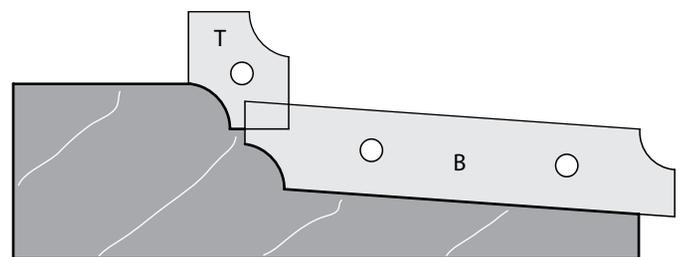
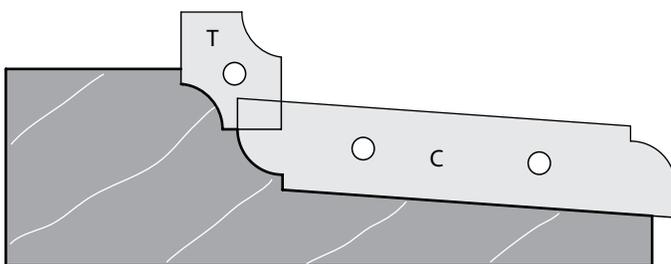
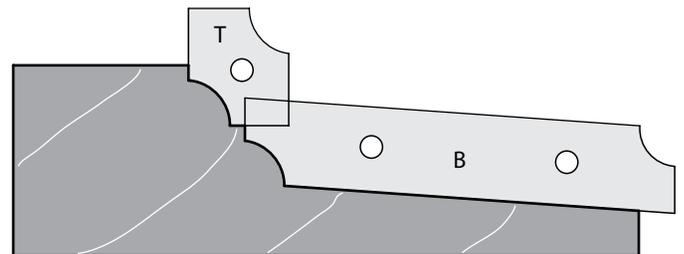
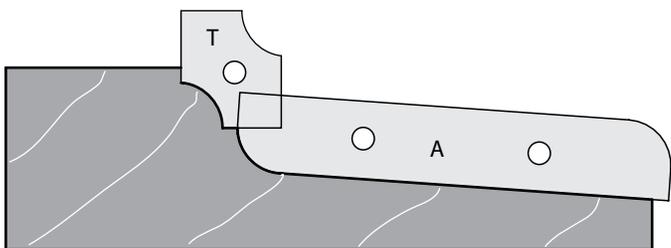
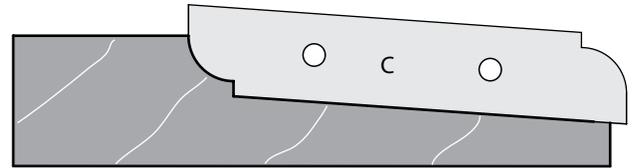
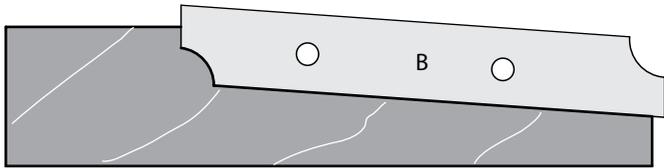
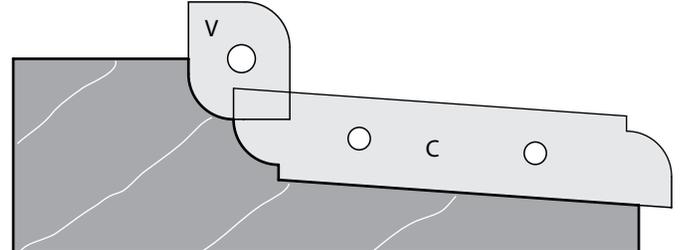
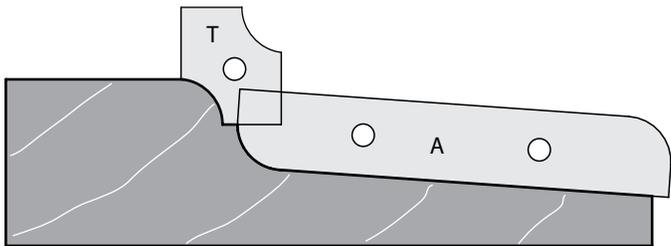
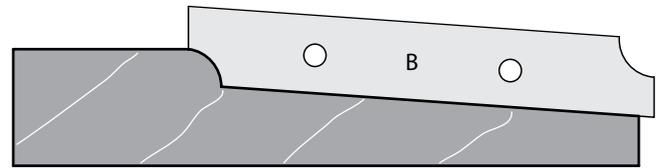
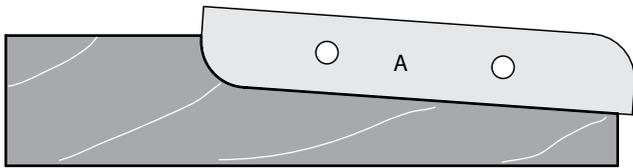


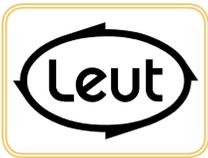
- CON QUESTO UTENSILE SI POSSONO OTTENERE 12 PROFILI DIVERSI. VEDI DISEGNI.
- WITH THIS TOOL YOU CAN OBTAIN 12 DIFFERENT PROFILES. SEE DRAWINGS.
- CON ESTA FRESA 12 LOS VARIOS PERFILES PUEDEN SER OBTENIDOS. USTED VE DISEÑOS.
- AVEC CET OUTIL ON PEUT OBTENIR 12 PROFILS DIFFÉRENTS. VOIR DESSINS.
- ИНСТРУМЕНТ МУЛЬТИПРОФИЛЬ. 12 РАЗНЫХ ПРОФИЛЕЙ.



ART.
01 109

FRESA PER PIATTABANDA
CUTTER FOR PANEL RISING CUTTER
FRESA PARA PLAFONES
PORTE-OUTIL POUR PLATE-BANDES 5 PROFILES
ФРЕЗА ДЛЯ ФИЛЁНЧАТОЙ ДВЕРИ





ART.
2021A

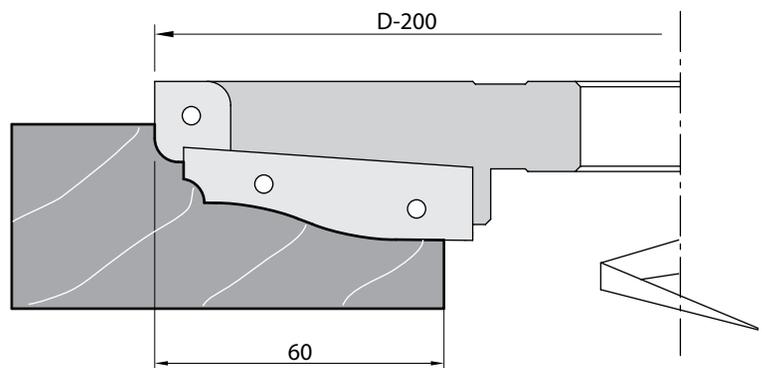
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12 PROFILES PANEL RAISING CUTTER HEAD
PLATABANDA PARA 12 PERFILES CON CUCHILLAS REVERSIBLES
PORTE-OUTIL À 12 PROFILS AVEC PLAQUETTES INTERCHANGEABLES
ИЗГОТОВЛЕНИЕ ФИЛЕНЧАТЫХ ДВЕРЕЙ 12 ПРОФИЛЕЙ С РЕВЕРСИВНЫМИ НОЖИЧКАМИ

115



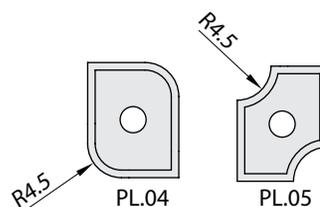
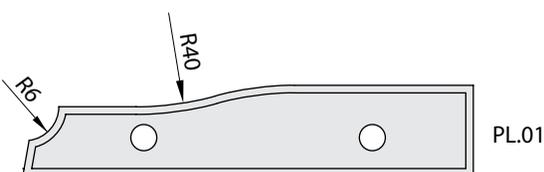
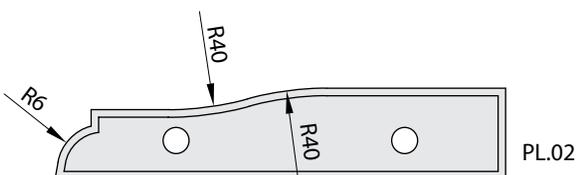
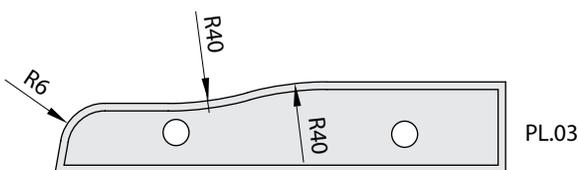
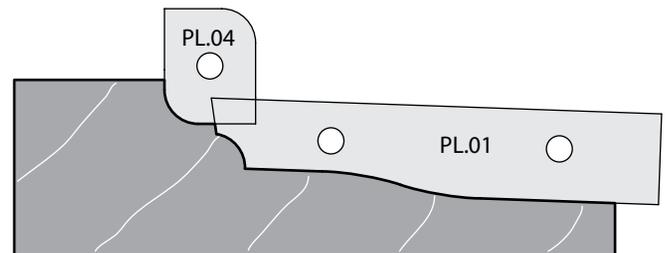
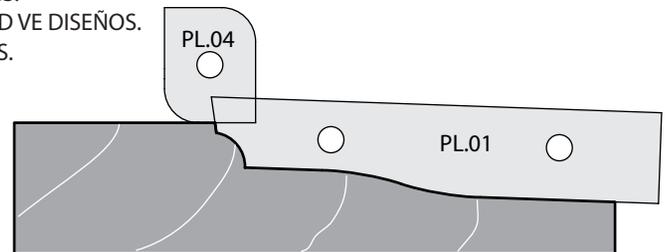
HW

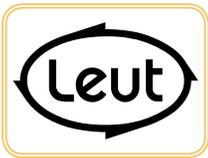
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AA	200	30	30/32/35/40/50	2+2



3

- CON QUESTO UTENSILE SI POSSONO OTTENERE 10 PROFILI DIVERSI. VEDI DISEGNI.
- WITH THIS TOOL YOU CAN OBTAIN 10 DIFFERENT PROFILES. SEE DRAWINGS.
- CON ESTA FRESA 10 LOS VARIOS PERFILES PUEDEN SER OBTENIDOS. USTED VE DISEÑOS.
- AVEC CET OUTIL ON PEUT OBTENIR 10 PROFILS DIFFÉRENTS. VOIR DESSINS.
- ИНСТРУМЕНТ МУЛЬТИПРОФИЛЬ. 10 РАЗНЫХ ПРОФИЛЕЙ.

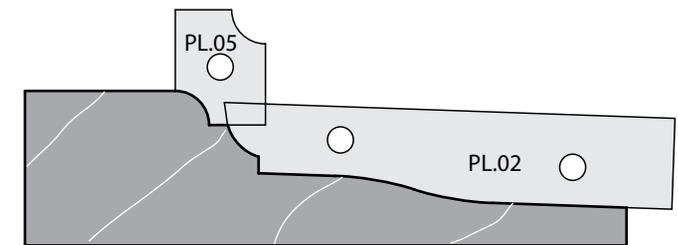
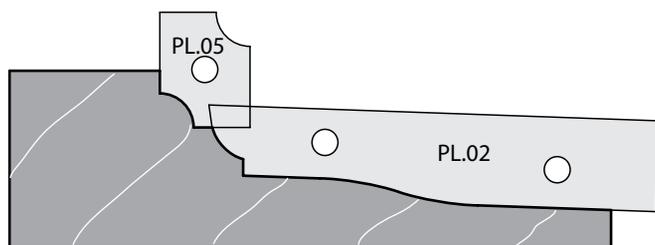
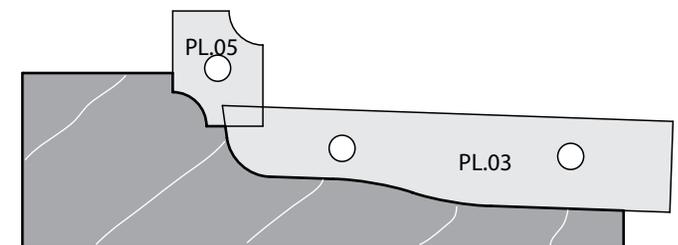
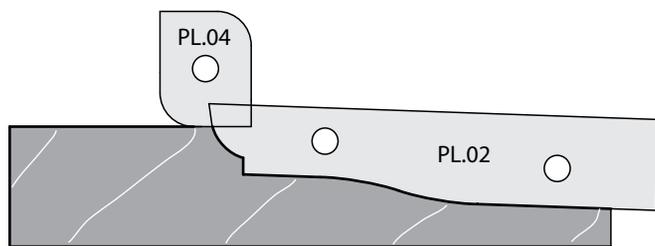
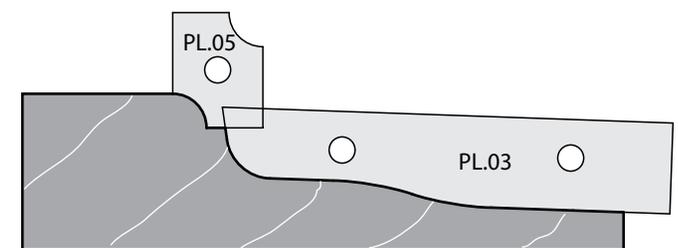
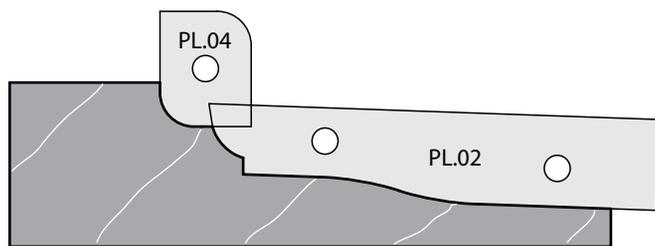
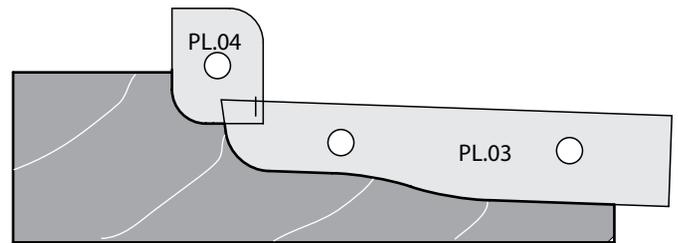
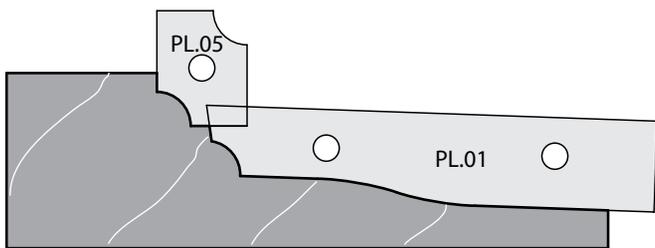
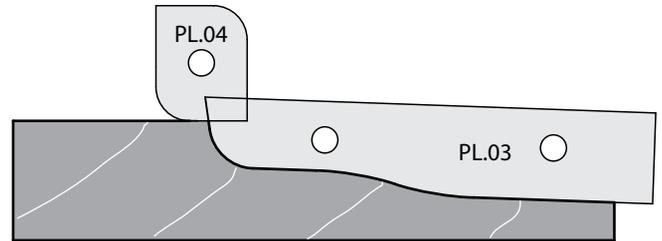
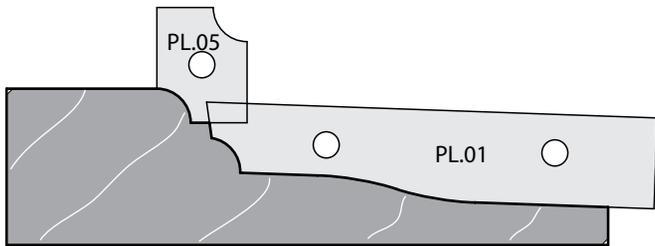




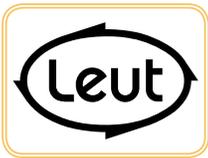
ART.
2021A

PIATTABANDA PER 12 PROFILI A COLTELLINI REVERSIBILI
12 PROFILES PANEL RAISING CUTTER HEAD
PLATABANDA PARA 12 PERFILES CON CUCHILLAS REVERSIBLES
PORTE-OUTIL À 12 PROFILS AVEC PLAQUETTES INTERCHANGEABLES
ИЗГОТОВЛЕНИЕ ФИЛЕНЧАТЫХ ДВЕРЕЙ 12 ПРОФИЛЕЙ С РЕВЕРСИВНЫМИ НОЖИЧКАМИ

116



3



ART.
2021B

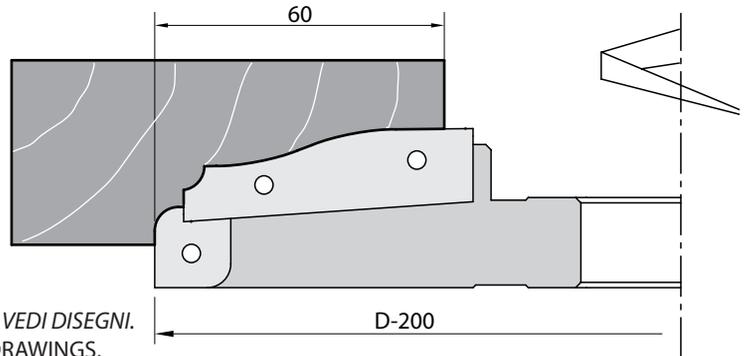
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12 PROFILES PANEL RAISING CUTTER HEAD
PLATABANDA PARA 12 PERFILES CON CUCHILLAS REVERSIBLES
PORTE-OUTIL À 12 PROFILES AVEC PLAQUETTES INTERCHANGEABLES
ИЗГОТОВЛЕНИЕ ФИЛЕНЧАТЫХ ДВЕРЕЙ 12 ПРОФИЛЕЙ С РЕВЕРСИВНЫМИ НОЖИЧКАМИ

117

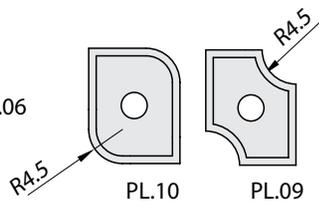
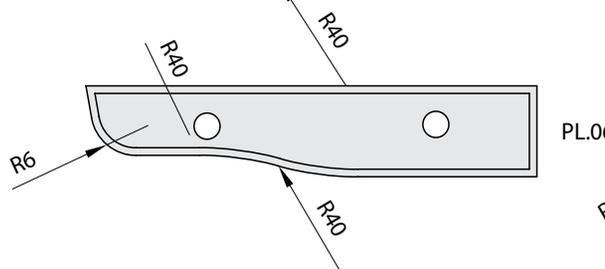
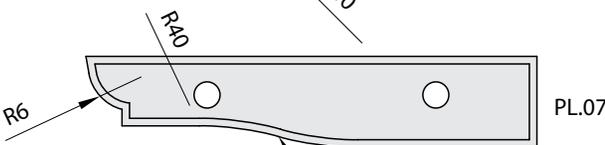
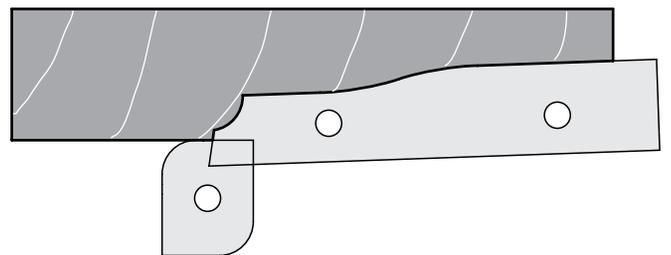
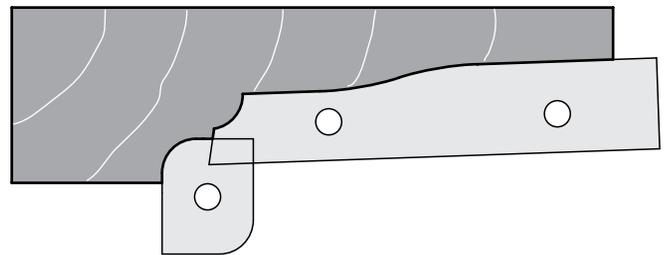


HW

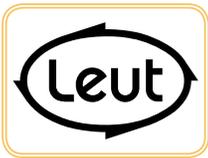
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	200	30	30/32/35/40/50	2+2



- CON QUESTO UTENSILE SI POSSONO OTTENERE 12 PROFILI DIVERSI. VEDI DISEGNI.
- WITH THIS TOOL YOU CAN OBTAIN 12 DIFFERENT PROFILES. SEE DRAWINGS.
- CON ESTA FRESA 12 LOS VARIOS PERFILES PUEDEN SER OBTENIDOS. USTED VE DISEÑOS.
- AVEC CET OUTIL ON PEUT OBTENIR 12 PROFILS DIFFÉRENTS. VOIR DESSINS.
- ИНСТРУМЕНТ МУЛЬТИПРОФИЛЬ. 12 РАЗНЫХ ПРОФИЛЕЙ.



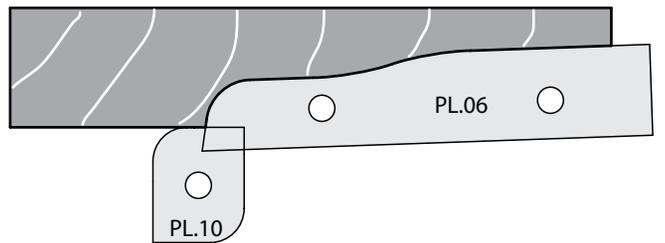
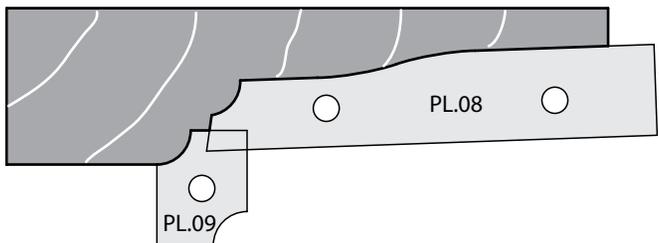
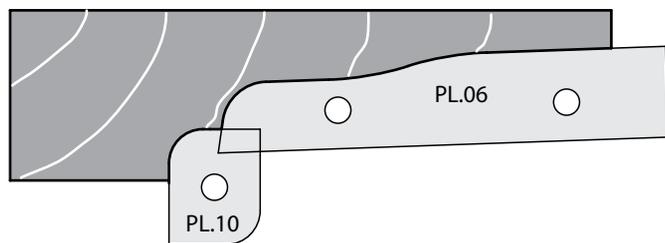
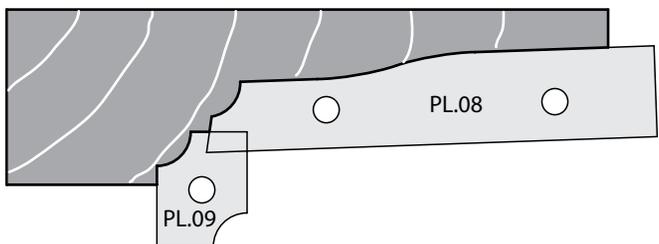
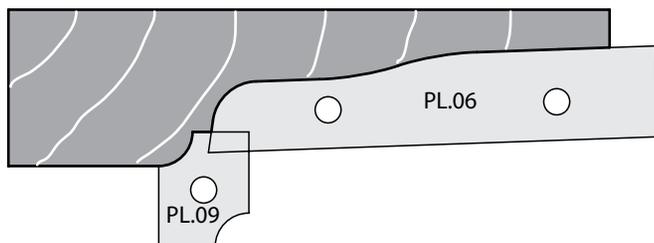
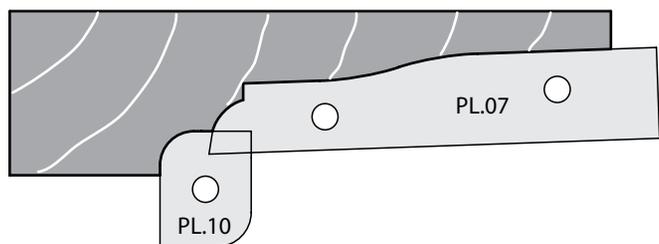
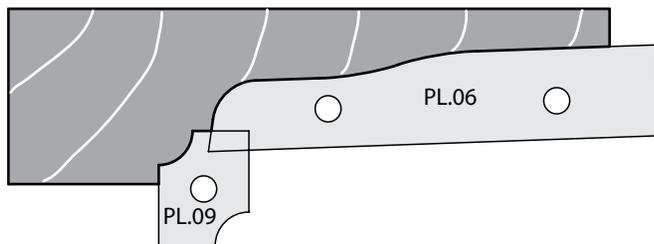
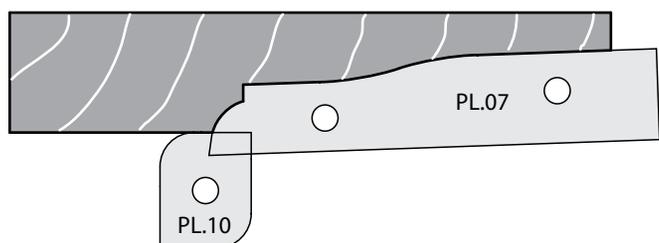
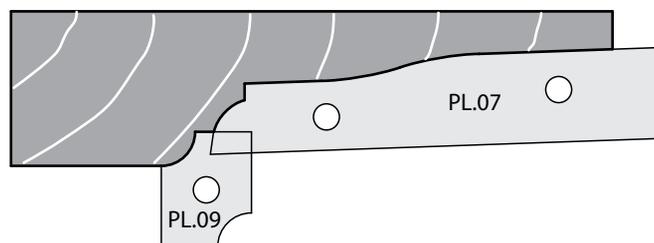
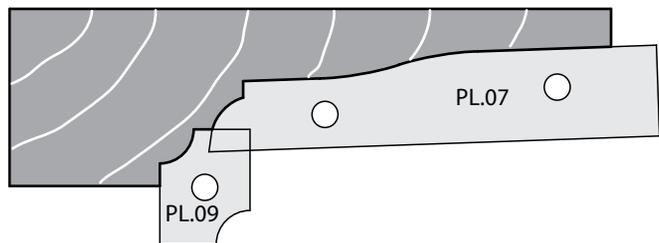
3



ART.
2021B

PIATTABANDA PER 12 PROFILI A COLTELLINI REVERSIBILI
12 PROFILES PANEL RAISING CUTTER HEAD
PLATABANDA PARA 12 PERFILES CON CUCHILLAS REVERSIBLES
PORTE-OUTIL À 12 PROFILS AVEC PLAQUETTES INTERCHANGEABLES
ИЗГОТОВЛЕНИЕ ФИЛЕНЧАТЫХ ДВЕРЕЙ 12 ПРОФИЛЕЙ С РЕВЕРСИВНЫМИ НОЖИЧКАМИ

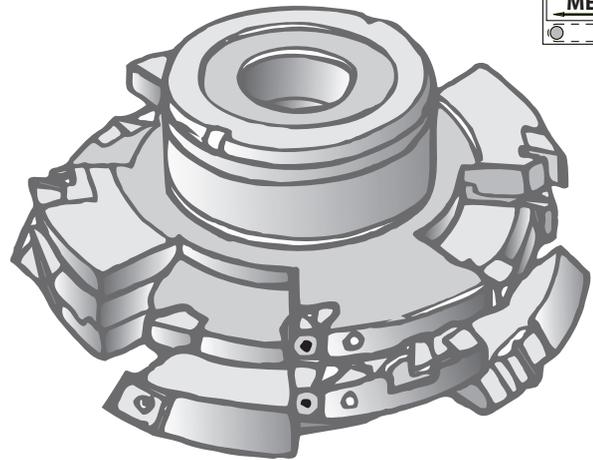
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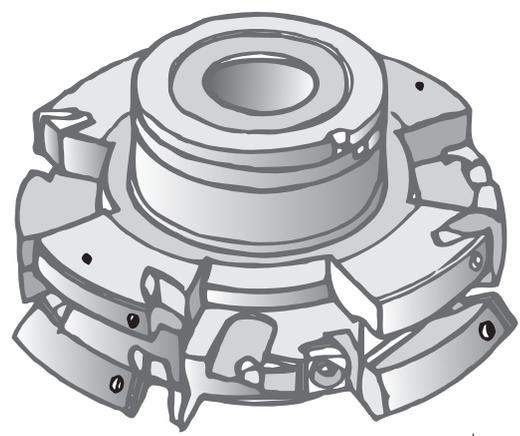
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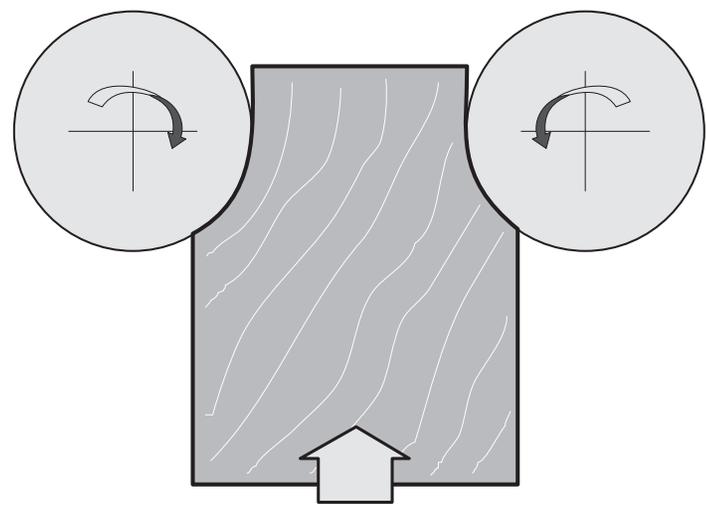
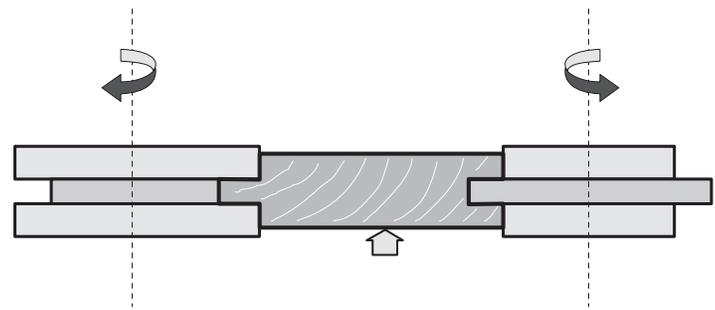
HW

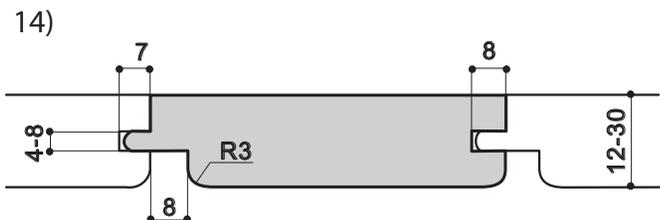
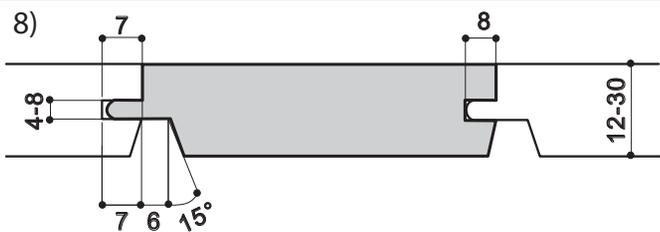
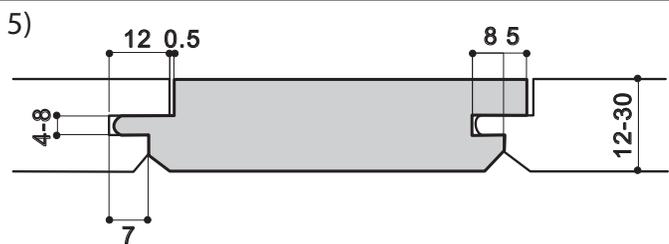
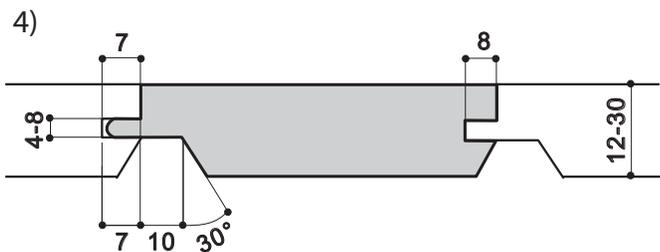
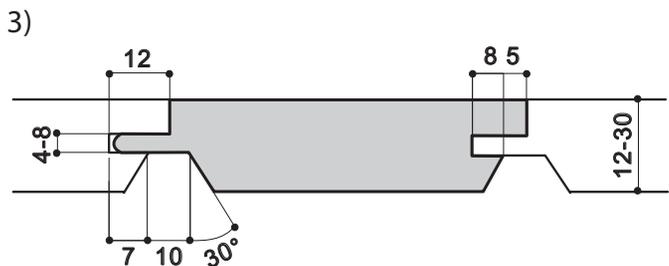


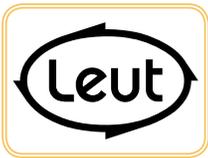
CODICE CODE	PROFILO PROFILE	DIAMETRO DIAMETER (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
200-21	1	180	30/35/40/50	4
200-22	2	180	30/35/40/50	4
200-23	3	180	30/35/40/50	4
200-24	4	180	30/35/40/50	4
200-25	5	180	30/35/40/50	4
200-26	6	180	30/35/40/50	4
200-27	7	180	30/35/40/50	4
200-28	8	180	30/35/40/50	4
200-29	9	180	30/35/40/50	4
200-30	10	180	30/35/40/50	4
200-31	11	180	30/35/40/50	4
200-32	12	180	30/35/40/50	4
200-33	13	180	30/35/40/50	4
200-34	14	180	30/35/40/50	4



3







ART.
2001

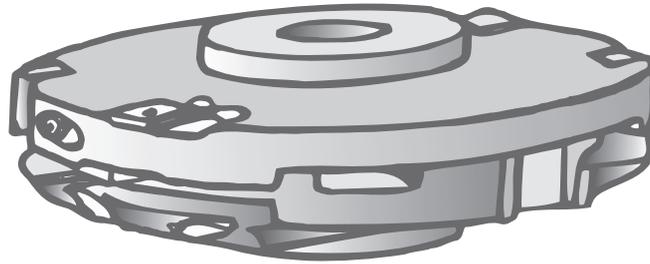
CONFEZIONE FRESE COMBinate PER ANTINE
KITCHEN CABINET DOOR SETS CUTTERS
KIT DE FRESAS PARA PUERTAS DE COCINA
ASSORTIMENT DE PORTE-OUTILS POUR PORTES DE MEUBLES DE CUISINE
КОМПЛЕКТ КОМБИНИРОВАННЫХ ФРЕЗ ДЛЯ МЕБЕЛЬНЫХ ФАСАДОВ

121



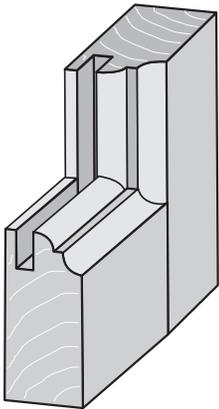
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	160	40	30/35/40/50	2

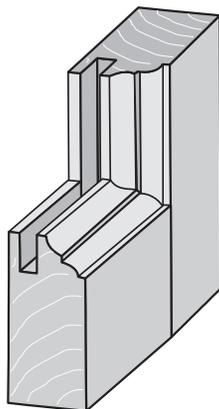


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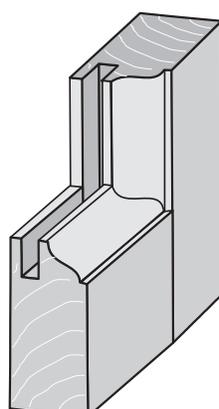
PROFILO - 01
 PROFILE - 01
 MOLDURA - 01
 PROFIL - 01
 ПРОФИЛЬ - 01



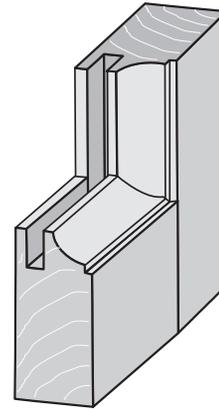
PROFILO - 03
 PROFILE - 03
 MOLDURA - 03
 PROFIL - 03
 ПРОФИЛЬ - 03



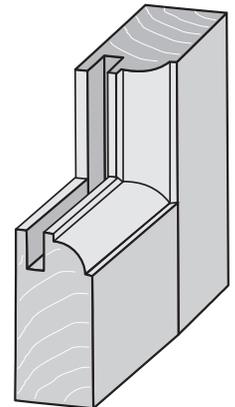
PROFILO - 05
 PROFILE - 05
 MOLDURA - 05
 PROFIL - 05
 ПРОФИЛЬ - 05



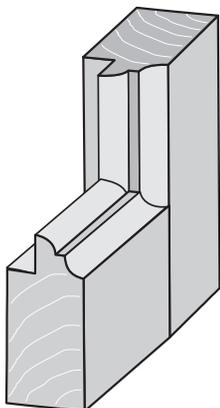
PROFILO - 07
 PROFILE - 07
 MOLDURA - 07
 PROFIL - 07
 ПРОФИЛЬ - 07



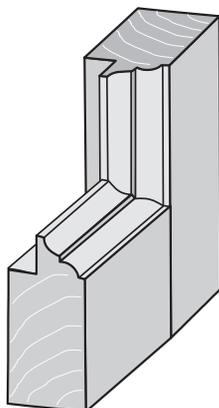
PROFILO - 09
 PROFILE - 09
 MOLDURA - 09
 PROFIL - 09
 ПРОФИЛЬ - 09



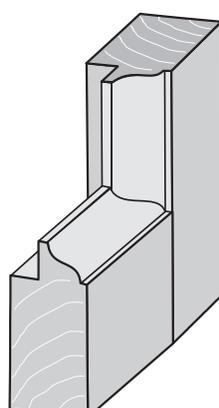
PROFILO - 02
 PROFILE - 02
 MOLDURA - 02
 PROFIL - 02
 ПРОФИЛЬ - 02



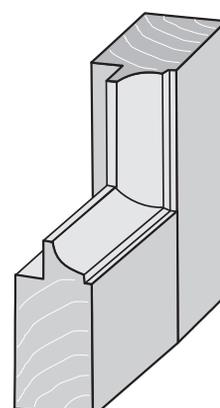
PROFILO - 04
 PROFILE - 04
 MOLDURA - 04
 PROFIL - 04
 ПРОФИЛЬ - 04



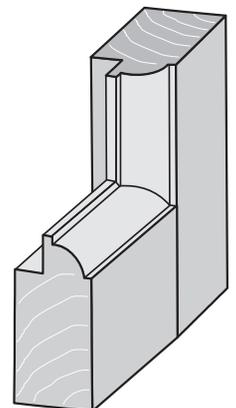
PROFILO - 06
 PROFILE - 06
 MOLDURA - 06
 PROFIL - 06
 ПРОФИЛЬ - 06



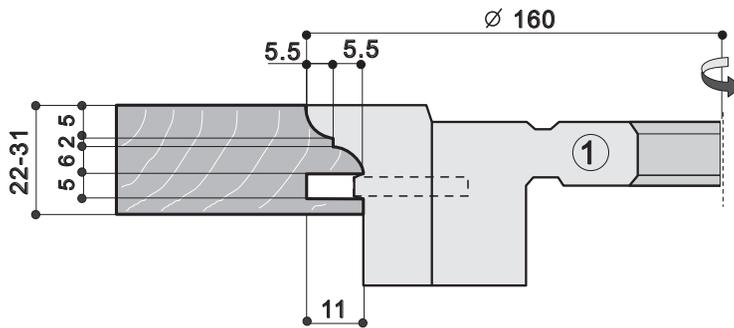
PROFILO - 08
 PROFILE - 08
 MOLDURA - 08
 PROFIL - 08
 ПРОФИЛЬ - 08



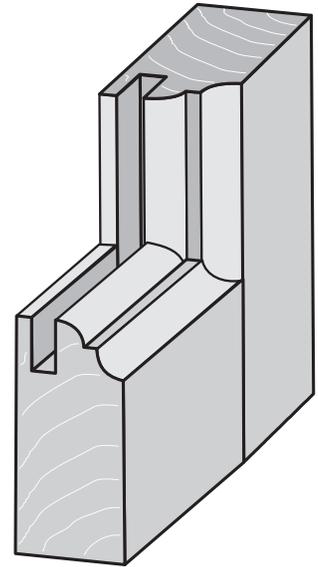
PROFILO - 10
 PROFILE - 10
 MOLDURA - 10
 PROFIL - 10
 ПРОФИЛЬ - 10



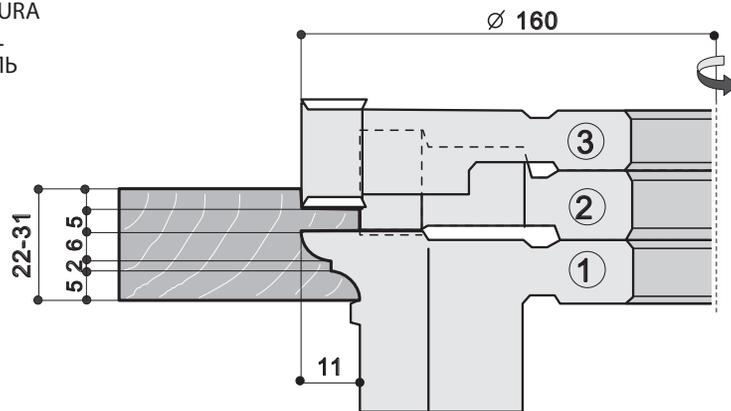
PROFILO
 PROFILE
 MOLDURA
 PROFIL
 ПРОФИЛЬ



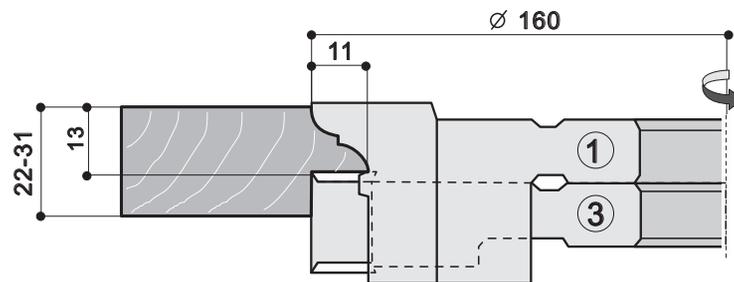
PROFILO - 01
 PROFILE - 01
 MOLDURA - 01
 PROFIL - 01
 ПРОФИЛЬ - 01



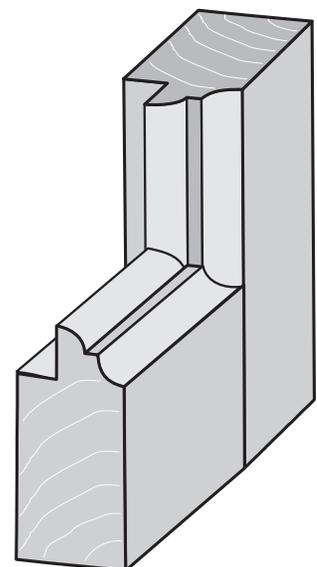
CONTROPROFILO
 COUNTER-PROFILE
 CONTRA MOLDURA
 CONTRE-PROFIL
 КОНТРПРОФИЛЬ



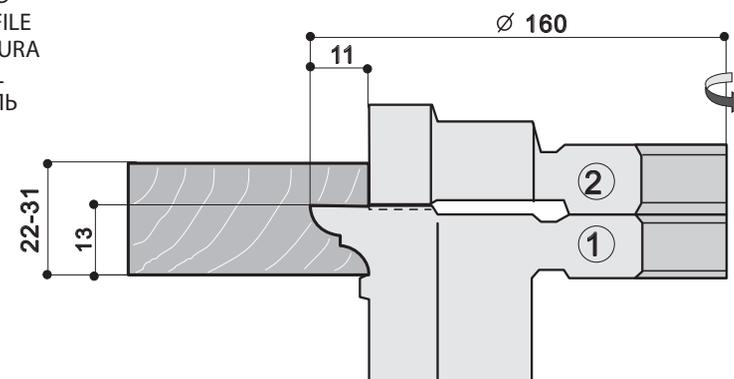
PROFILO
 PROFILE
 MOLDURA
 PROFIL
 ПРОФИЛЬ



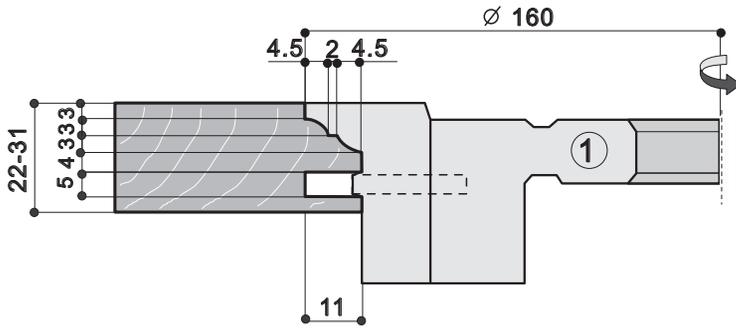
PROFILO - 02
 PROFILE - 02
 MOLDURA - 02
 PROFIL - 02
 ПРОФИЛЬ - 02



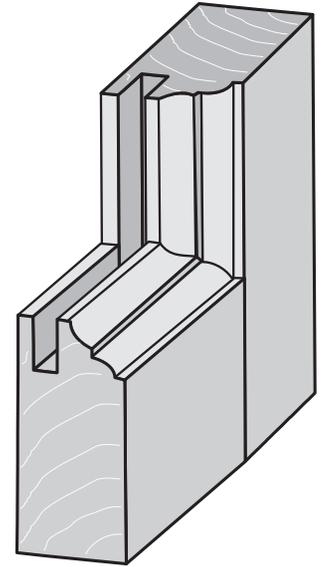
CONTROPROFILO
 COUNTER-PROFILE
 CONTRA MOLDURA
 CONTRE-PROFIL
 КОНТРПРОФИЛЬ



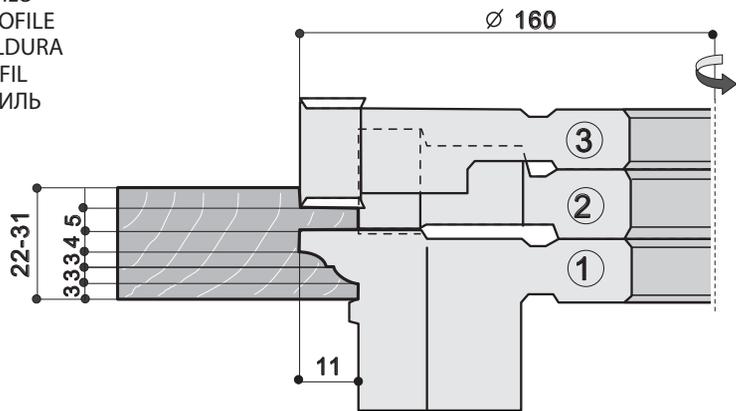
PROFILO
 PROFILE
 MOLDURA
 PROFIL
 ПРОФИЛЬ



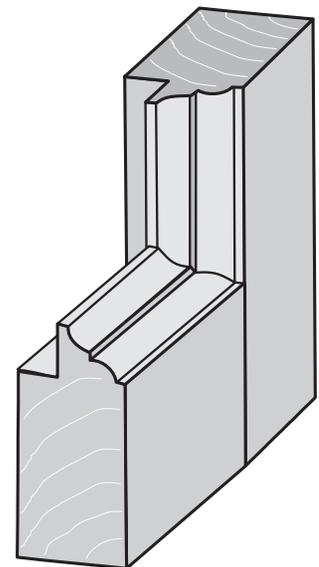
PROFILO - 03
 PROFILE - 03
 MOLDURA - 03
 PROFIL - 03
 ПРОФИЛЬ - 03



CONTROPROFILO
 COUNTER-PROFILE
 CONTRA MOLDURA
 CONTRE-PROFIL
 КОНТРПРОФИЛЬ

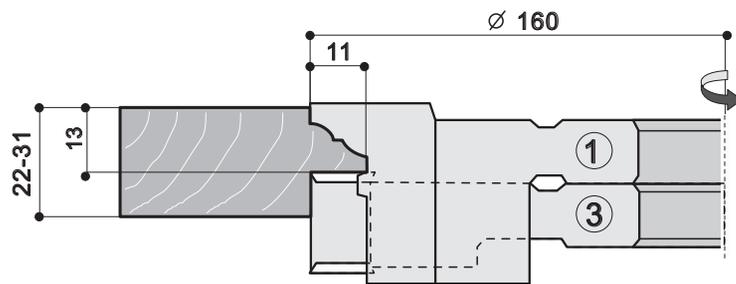


PROFILO - 04
 PROFILE - 04
 MOLDURA - 04
 PROFIL - 04
 ПРОФИЛЬ - 04

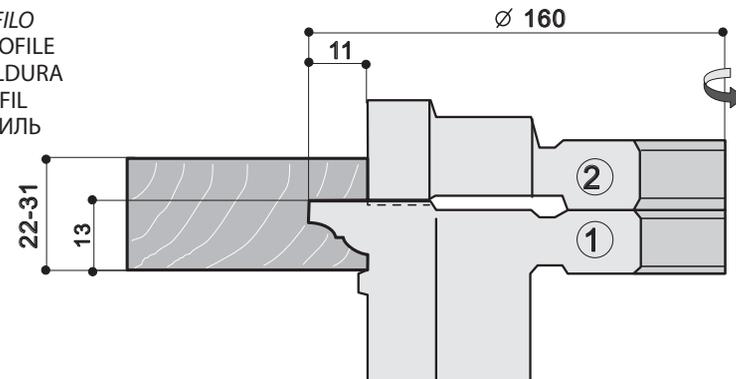


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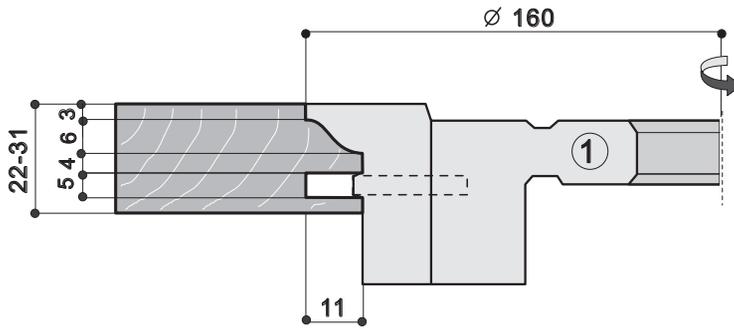
PROFILO
 PROFILE
 MOLDURA
 PROFIL
 ПРОФИЛЬ



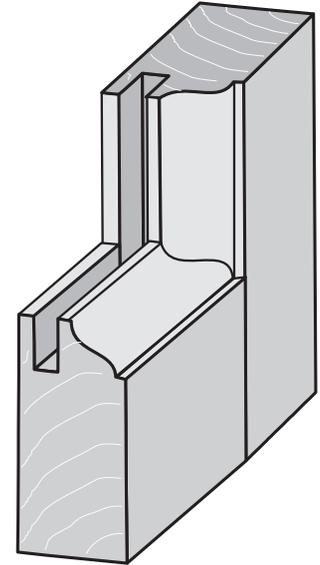
CONTROPROFILO
 COUNTER-PROFILE
 CONTRA MOLDURA
 CONTRE-PROFIL
 КОНТРПРОФИЛЬ



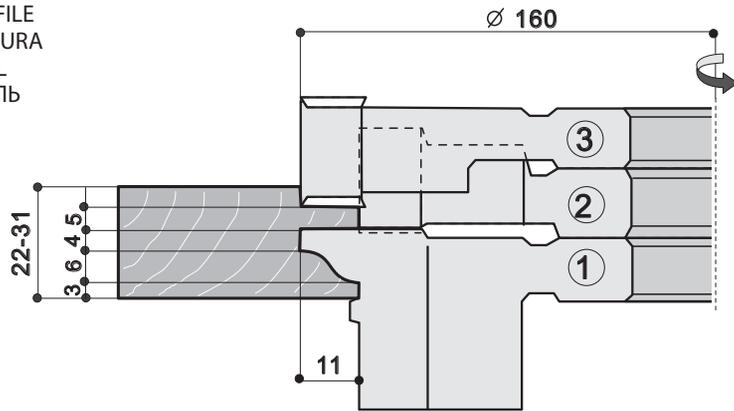
PROFILO
 PROFILE
 MOLDURA
 PROFIL
 ПРОФИЛЬ



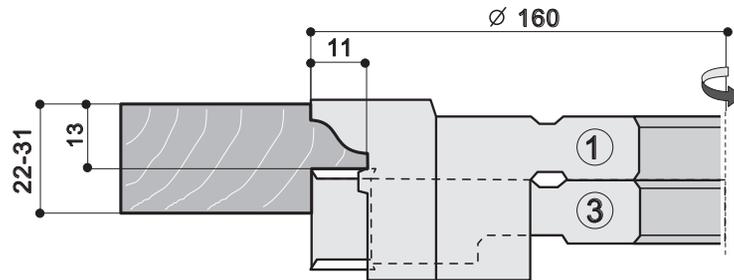
PROFILO - 05
 PROFILE - 05
 MOLDURA - 05
 PROFIL - 05
 ПРОФИЛЬ - 05



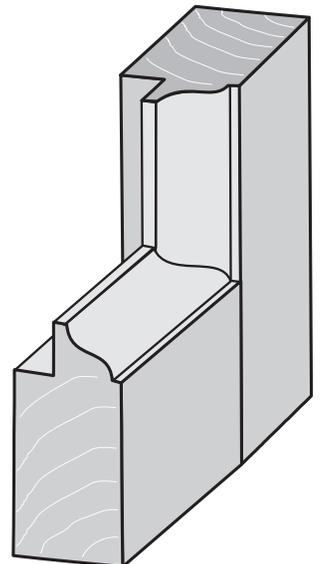
CONTROPROFILO
 COUNTER-PROFILE
 CONTRA MOLDURA
 CONTRE-PROFIL
 КОНТРПРОФИЛЬ



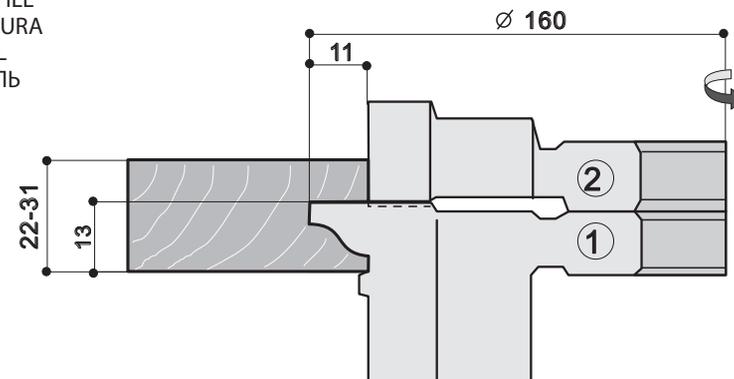
PROFILO
 PROFILE
 MOLDURA
 PROFIL
 ПРОФИЛЬ



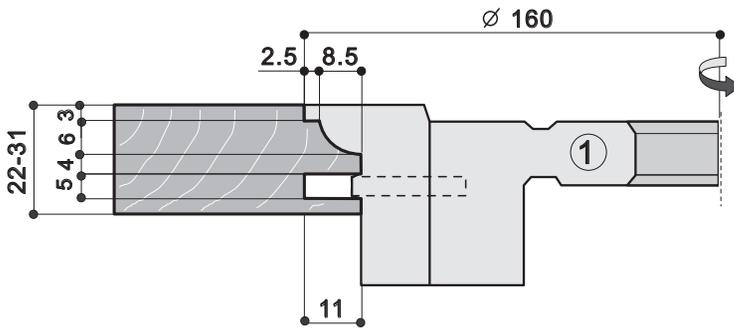
PROFILO - 06
 PROFILE - 06
 MOLDURA - 06
 PROFIL - 06
 ПРОФИЛЬ - 06



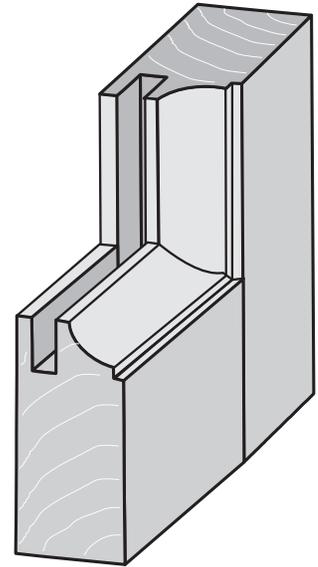
CONTROPROFILO
 COUNTER-PROFILE
 CONTRA MOLDURA
 CONTRE-PROFIL
 КОНТРПРОФИЛЬ



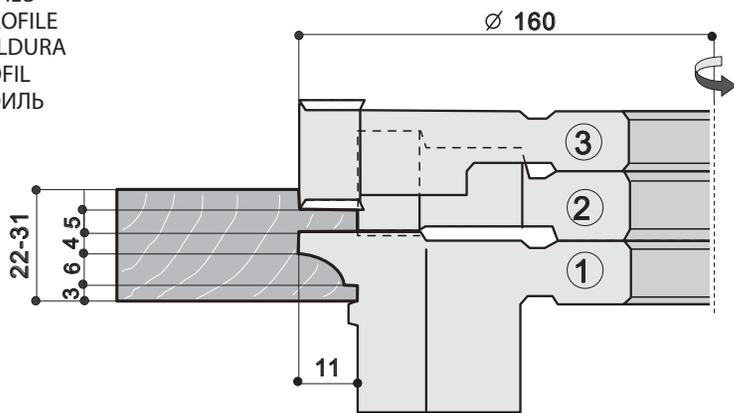
PROFILO
 PROFILE
 MOLDURA
 PROFIL
 ПРОФИЛЬ



PROFILO - 07
 PROFILE - 07
 MOLDURA - 07
 PROFIL - 07
 ПРОФИЛЬ - 07

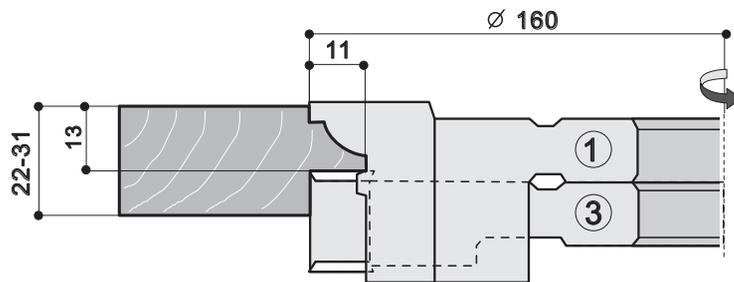


CONTROPROFILO
 COUNTER-PROFILE
 CONTRA MOLDURA
 CONTRE-PROFIL
 КОНТРПРОФИЛЬ

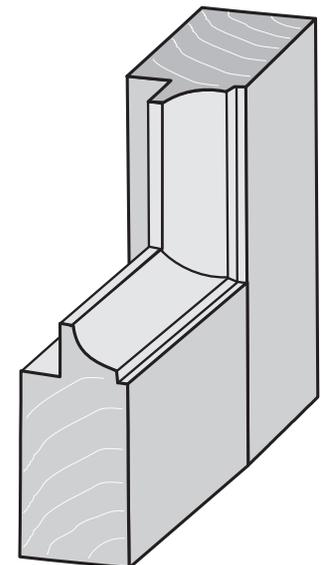


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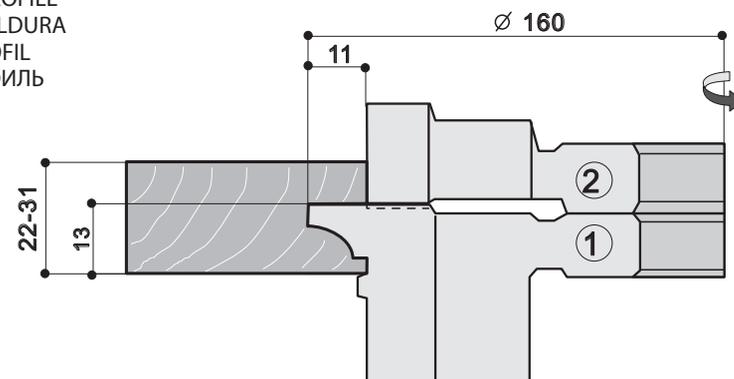
PROFILO
 PROFILE
 MOLDURA
 PROFIL
 ПРОФИЛЬ



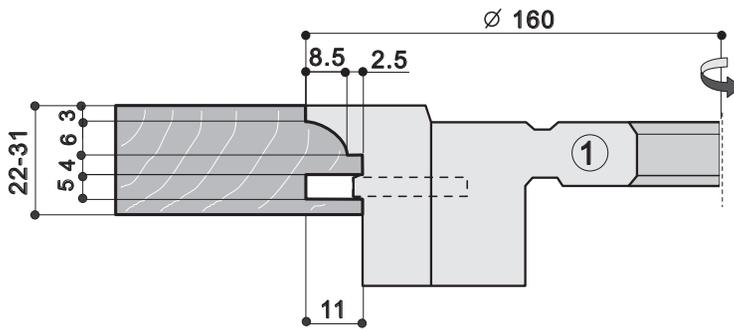
PROFILO - 08
 PROFILE - 08
 MOLDURA - 08
 PROFIL - 08
 ПРОФИЛЬ - 08



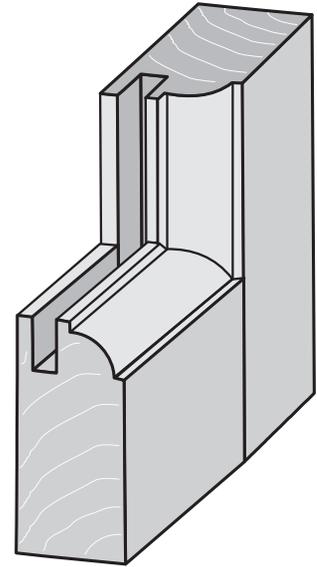
CONTROPROFILO
 COUNTER-PROFILE
 CONTRA MOLDURA
 CONTRE-PROFIL
 КОНТРПРОФИЛЬ



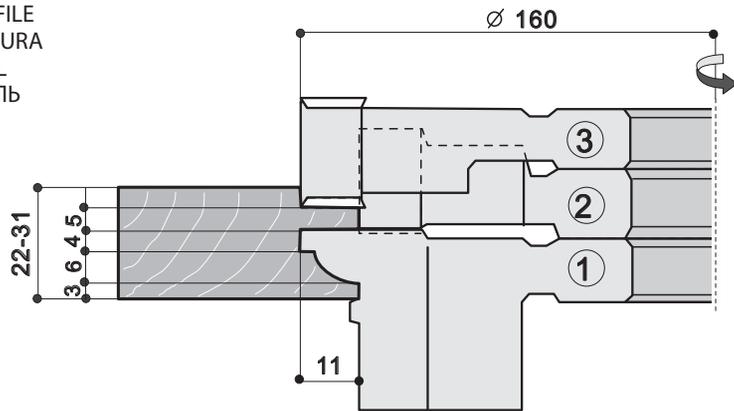
PROFILO
 PROFILE
 MOLDURA
 PROFIL
 ПРОФИЛЬ



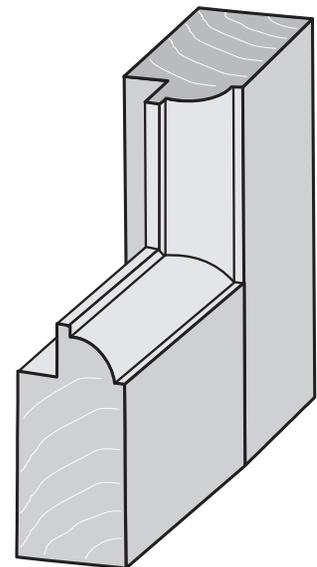
PROFILO - 09
 PROFILE - 09
 MOLDURA - 09
 PROFIL - 09
 ПРОФИЛЬ - 09



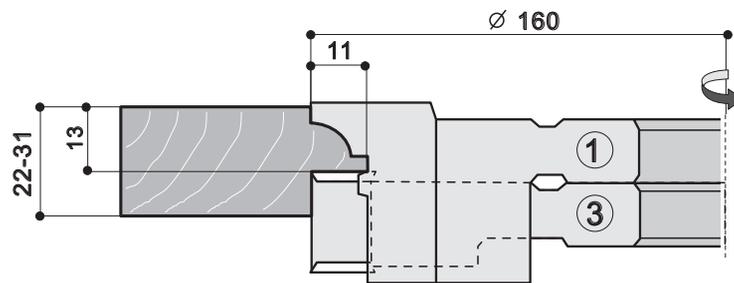
CONTROPROFILO
 COUNTER-PROFILE
 CONTRA MOLDURA
 CONTRE-PROFIL
 КОНТРПРОФИЛЬ



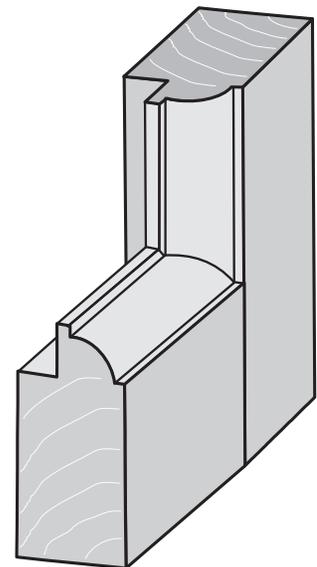
PROFILO - 10
 PROFILE - 10
 MOLDURA - 10
 PROFIL - 10
 ПРОФИЛЬ - 10



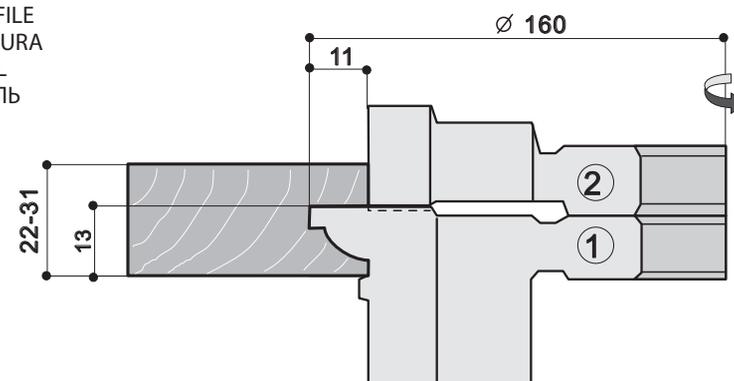
PROFILO
 PROFILE
 MOLDURA
 PROFIL
 ПРОФИЛЬ



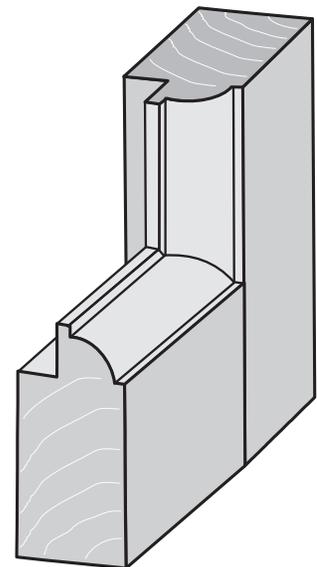
PROFILO - 10
 PROFILE - 10
 MOLDURA - 10
 PROFIL - 10
 ПРОФИЛЬ - 10

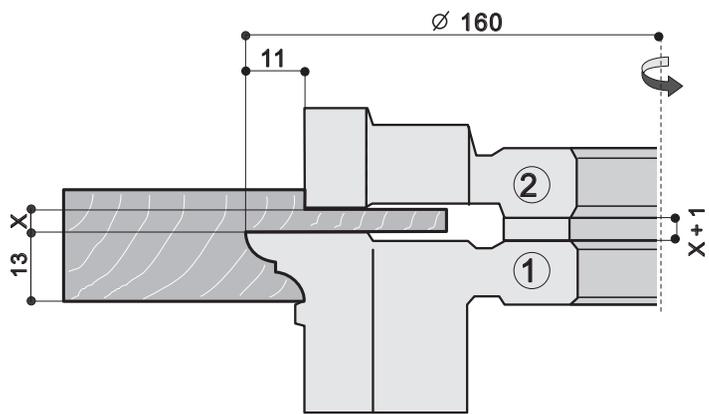


CONTROPROFILO
 COUNTER-PROFILE
 CONTRA MOLDURA
 CONTRE-PROFIL
 КОНТРПРОФИЛЬ



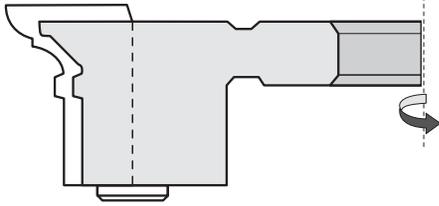
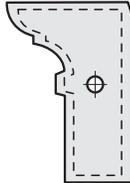
PROFILO - 10
 PROFILE - 10
 MOLDURA - 10
 PROFIL - 10
 ПРОФИЛЬ - 10





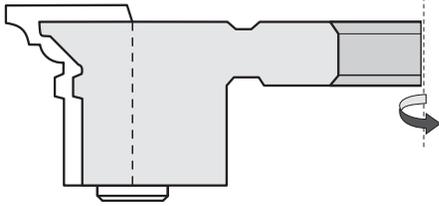
CODICE-CODE
2021-DX

PROFILO - CONTROPROFILO	01 - 02
PROFILE AND COUNTER-PROFILE	01 - 02
MOLDURA Y CONTRA MOLDURA	01 - 02
PROFIL ET CONTRE-PROFIL	01 - 02
ПРОФИЛЬ - КОНТРПРОФИЛЬ	01 - 02



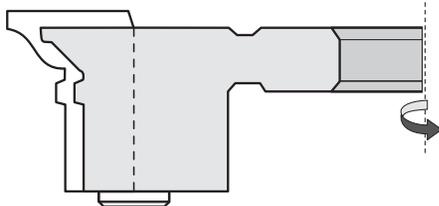
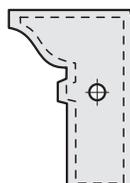
CODICE-CODE
2022-DX

PROFILO - CONTROPROFILO	03 - 04
PROFILE AND COUNTER-PROFILE	03 - 04
MOLDURA Y CONTRA MOLDURA	03 - 04
PROFIL ET CONTRE-PROFIL	03 - 04
ПРОФИЛЬ - КОНТРПРОФИЛЬ	03 - 04



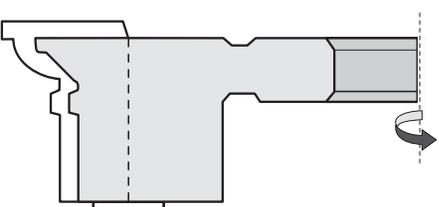
CODICE-CODE
2023-DX

PROFILO - CONTROPROFILO	05 - 06
PROFILE AND COUNTER-PROFILE	05 - 06
MOLDURA Y CONTRA MOLDURA	05 - 06
PROFIL ET CONTRE-PROFIL	05 - 06
ПРОФИЛЬ - КОНТРПРОФИЛЬ	05 - 06



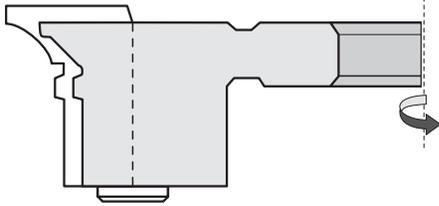
CODICE-CODE
2024-DX

PROFILO	07 - 08	CONTROPROFILO	09 - 10
PROFILE	07 - 08	COUNTER-PROFILE	09 - 10
MOLDURA	07 - 08	CONTRA MOLDURA	09 - 10
PROFIL	07 - 08	CONTRE-PROFIL	09 - 10
ПРОФИЛЬ	07 - 08	КОНТРПРОФИЛЬ	09 - 10

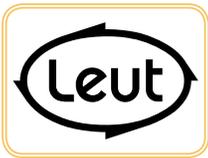


CODICE-CODE
2025-DX

PROFILO	09 - 10	CONTROPROFILO	07 - 08
PROFILE	09 - 10	COUNTER-PROFILE	07 - 08
MOLDURA	09 - 10	CONTRA MOLDURA	07 - 08
PROFIL	09 - 10	CONTRE-PROFIL	07 - 08
ПРОФИЛЬ	09 - 10	КОНТРПРОФИЛЬ	07 - 08



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ART.
2002

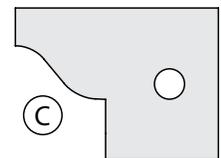
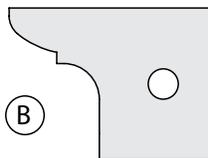
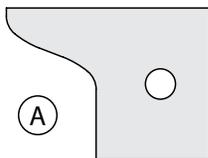
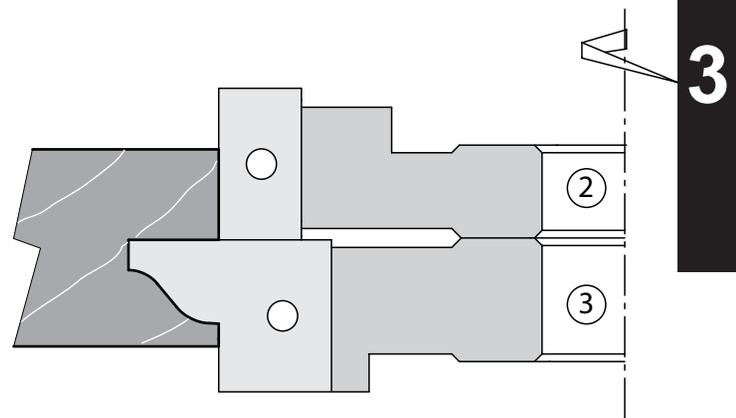
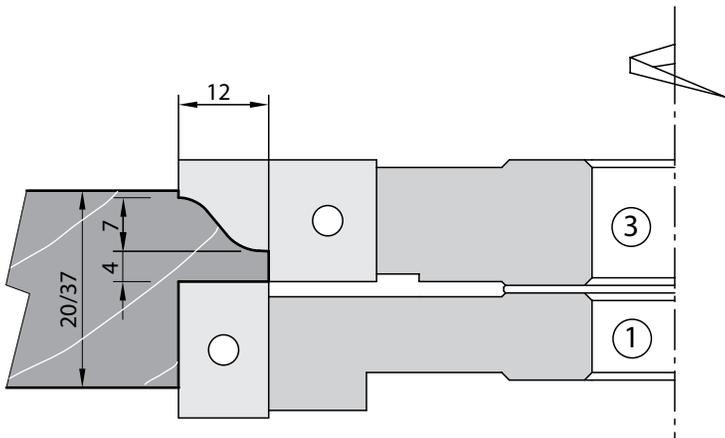
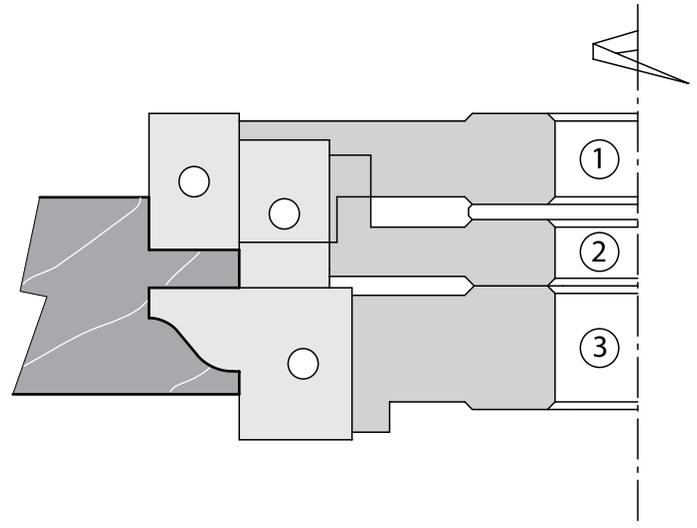
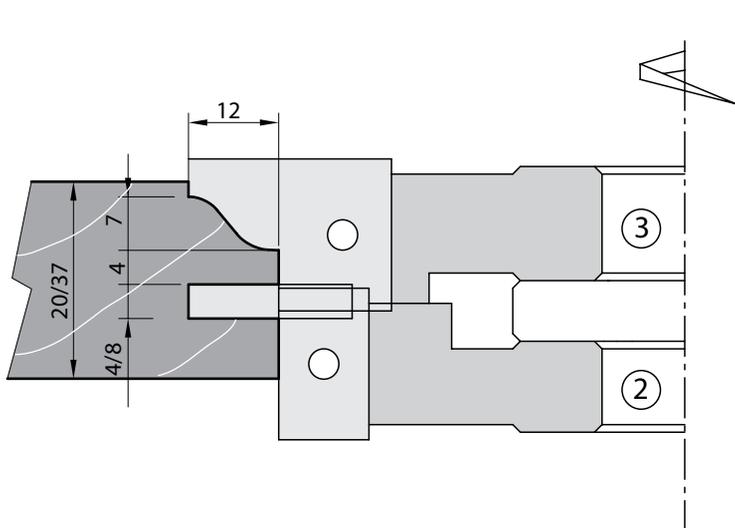
GRUPPO DI TESTE COMBinate PER ANTINE
UNIT CUTTERHEADSSGROUPE FOR DOORS
GRUPO DE FRESAS MOLDURA Y CONTRA MOLDURA
GROUPE DE PORTE-OUTIL POUR PORTES DE MEUBLES DE CUISINE
ГРУППА КОМБИНИРОВАННЫХ ГОЛОВОК ДЛЯ СТВОРКИ

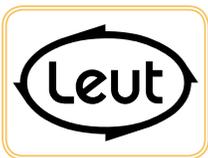
128



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AA	160	20/37	30/35/40/50	2

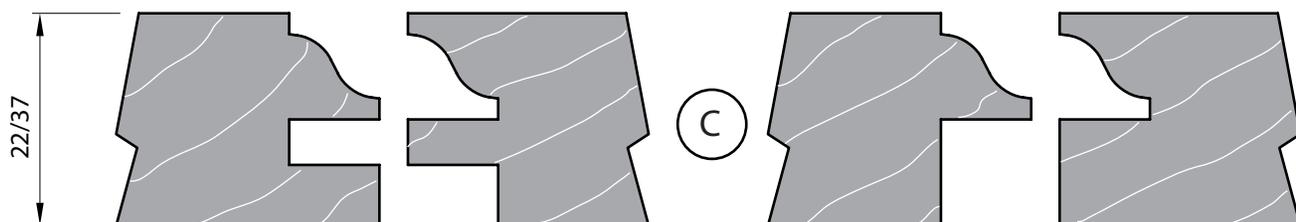
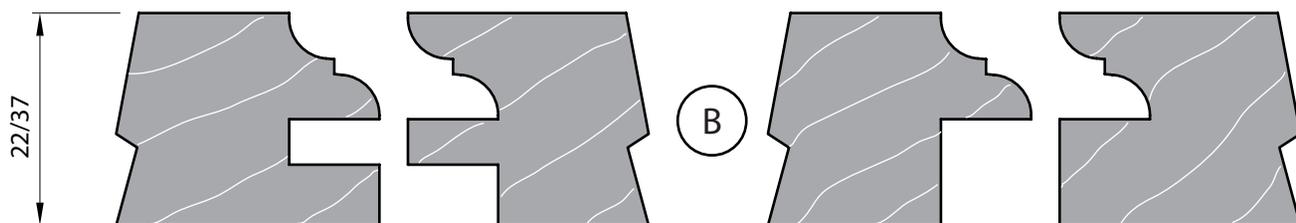
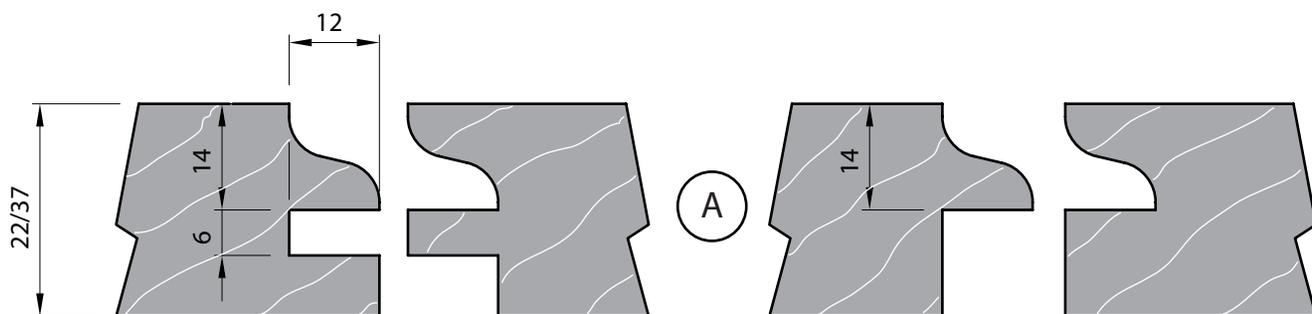




ART.
2002

GRUPPO DI TESTE COMBinate PER ANTINE
UNIT CUTTERHEADSSGROUPE FOR DOORS
GRUPO DE FRESAS MOLDURA Y CONTRA MOLDURA
GROUPE DE PORTE-OUTIL POUR PORTES DE MEUBLES DE CUISINE
ГРУППА КОМБИНИРОВАННЫХ ГОЛОВОК ДЛЯ СТВОРКИ

129

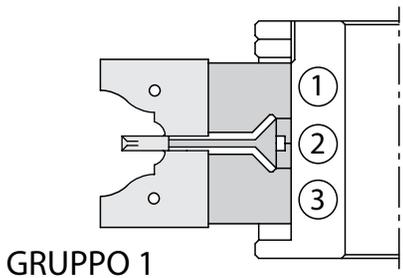


3

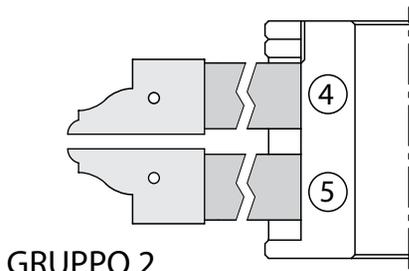


HW

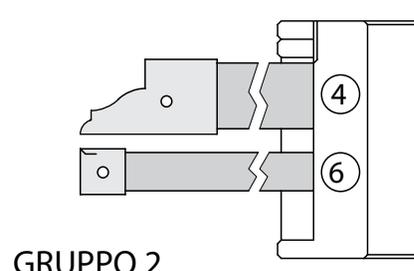
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
GRUPPO 1	172	50	30/32/35/40/50	2
GRUPPO 2	250/280	50	30/32/35/40/50	2



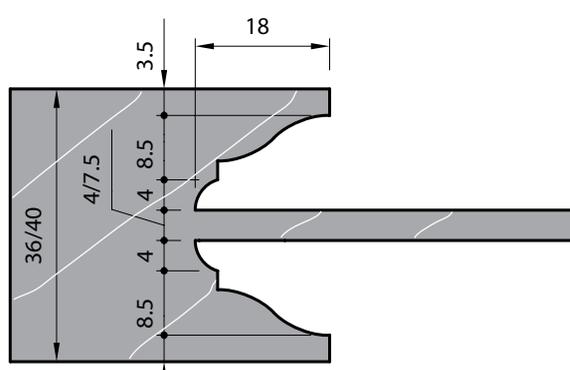
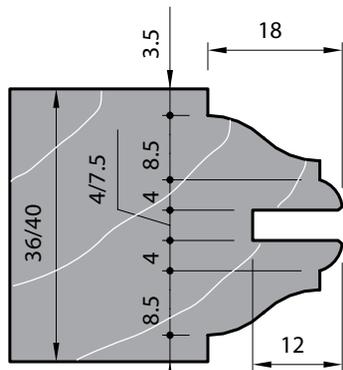
GRUPPO 1



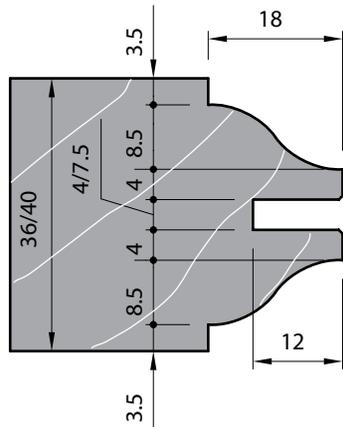
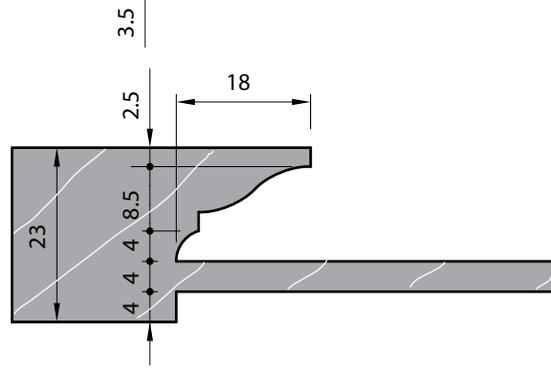
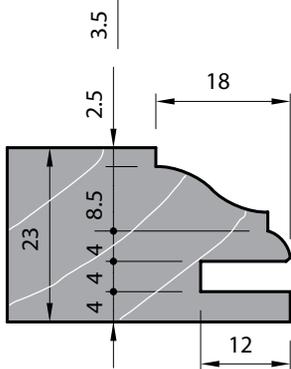
GRUPPO 2



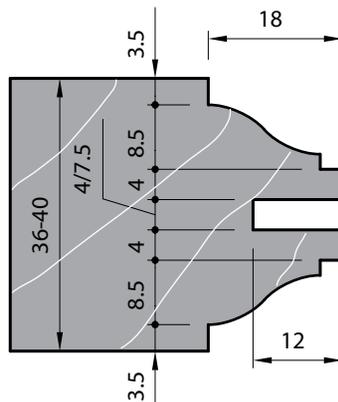
GRUPPO 2



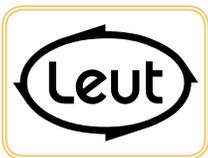
PROFILO A



PROFILO B



PROFILO C



ART.
2017

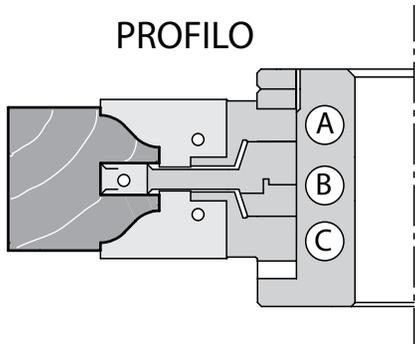
GRUPPO DI TESTE MULTIPROFILI PER PORTE
MULTIPROFILE CUTTER HEAD SET FOR INTERNAL DOORS
JUEGO DE CABEZALES MULTIPERFILES PARA PUERTAS
JEUX DE PORTE-OUTILS MULTI-PROFIL POUR PORTES
ГРУППА ГОЛОВOK МУЛЬТИПРОФИЛЬ ДЛЯ ДВЕРЕЙ

131

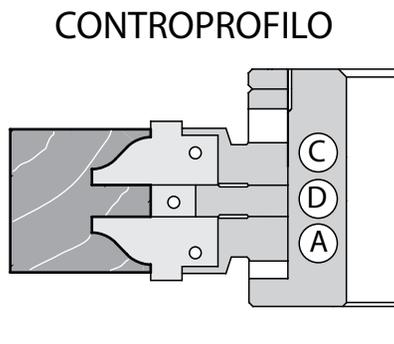


CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AA	160	50	30/32/35/40/50	2

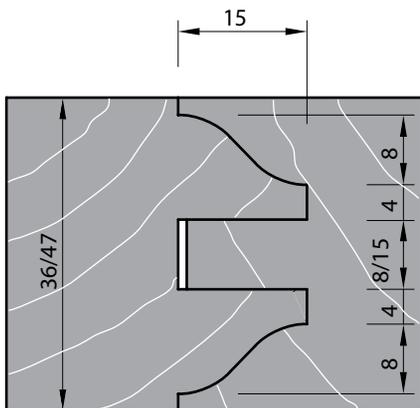
PROFILO



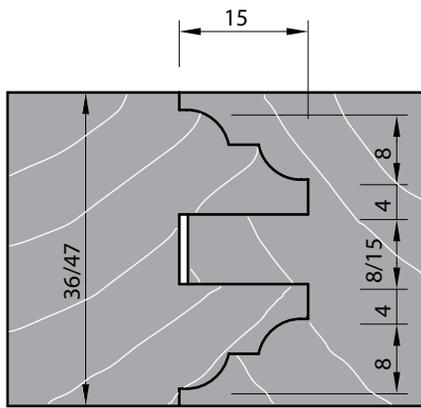
CONTROPROFILO



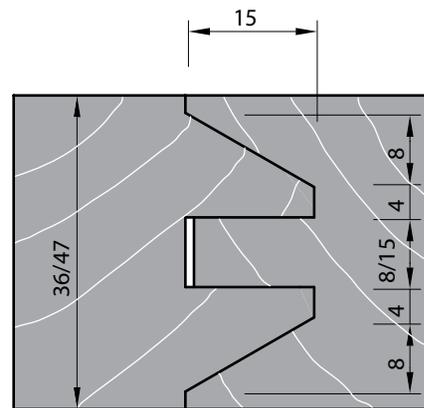
PROFILO N°1



PROFILO N°2



PROFILO N°3



IL GRUPPO VIENE FORNITO CON IL SET DI COLTELLI PER IL PROFILO N°1
THIS GROUP IS DELIVERED WITH THE SET OF KNIVES FOR PROFILE N°1
LE GROUPE EST FOURNI AVEC UN ENSEMBLE DE PLAQUETTES PROFIL N°1
EL GRUPO VIENE PROVEÍDO DEL SISTEMA DE LOS CUCHILLOS PARA EL PERFIL N°1
КОМПЛЕКТ ПОСТАВЛЯЕТСЯ С НАБОРОМ НОЖЕЙ ДЛЯ ПРОФИЛЯ N°1

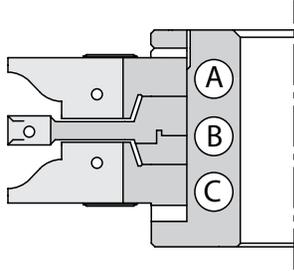
3



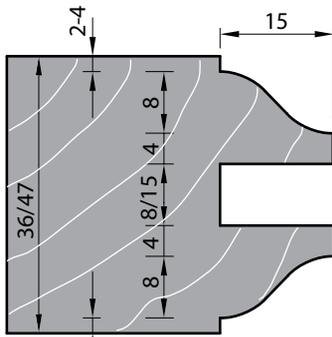
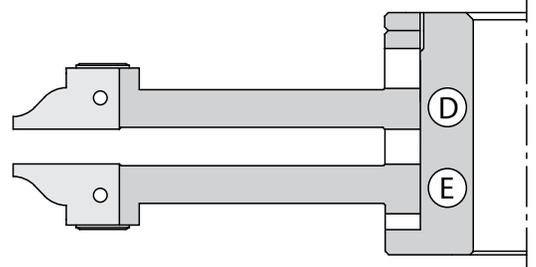
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
GRUPPO 1	160	50	30/32/35/40/50	2
GRUPPO 2	290	50	30/32/35/40/50	3

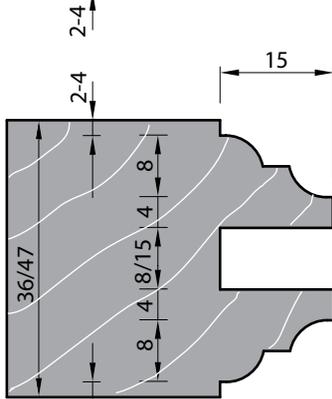
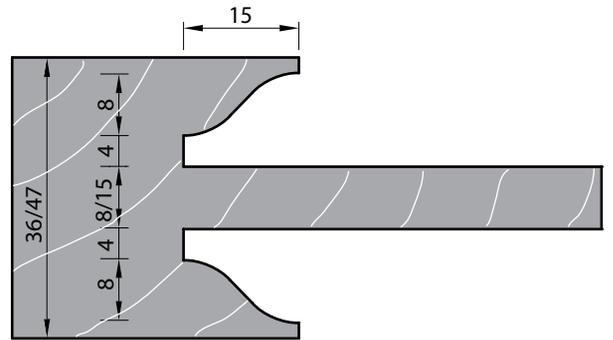
GRUPPO 1



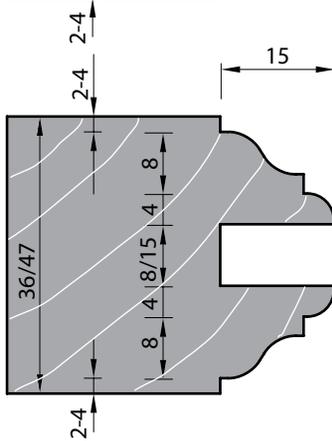
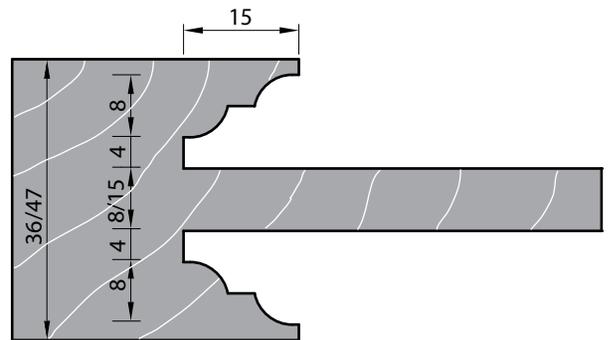
GRUPPO 2



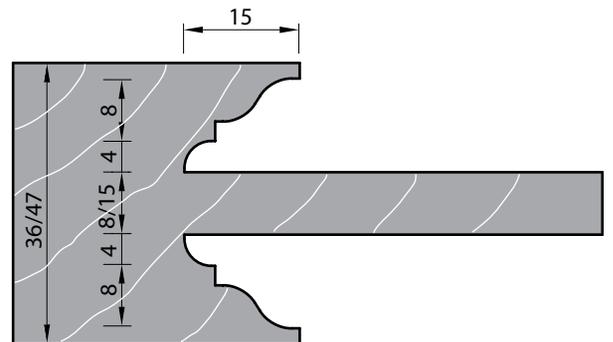
PROFILO N°1



PROFILO N°2



PROFILO N°3



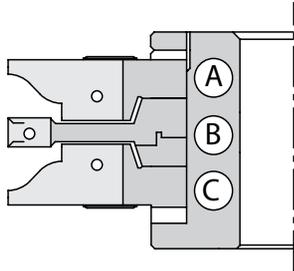
3

IL GRUPPO VIENE FORNITO CON IL SET DI COLTELLI PER IL PROFILO N°1
 THIS GROUP IS DELIVERED WITH THE SET OF KNIVES FOR PROFILE N°1
 LE GROUPE EST FOURNI AVEC UN ENSEMBLE DE PLAQUETTES PROFIL N°1
 EL GRUPO VIENE PROVEÍDO DEL SISTEMA DE LOS CUCHILLOS PARA EL PERFIL N°1
 КОМПЛЕКТ ПОСТАВЛЯЕТСЯ С НАБОРОМ НОЖЕЙ ДЛЯ ПРОФИЛЯ N°1

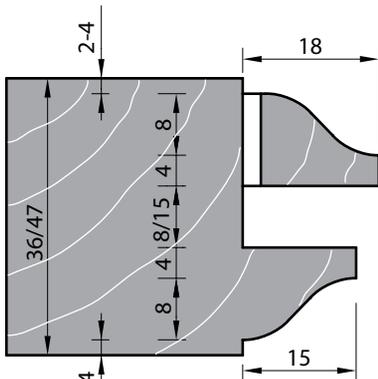
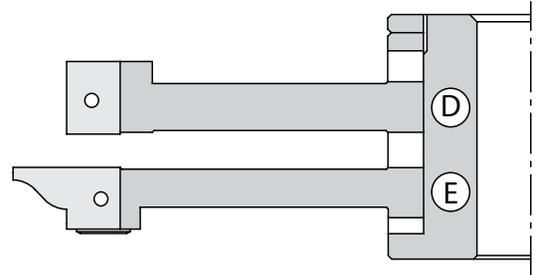

HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
GRUPPO 1	160	50	30/32/35/40/50	2
GRUPPO 2	290	50	30/32/35/40/50	3

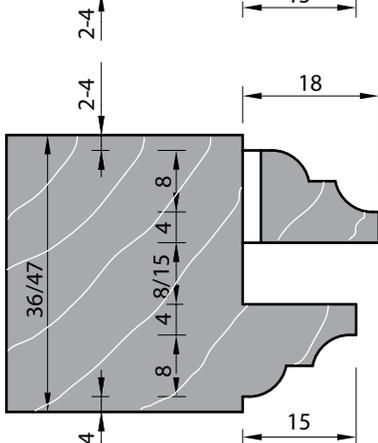
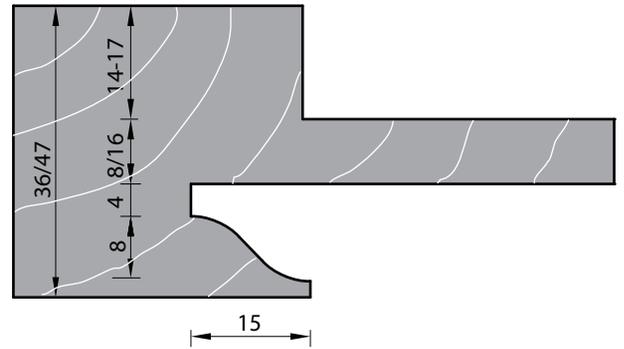
GRUPPO N°1



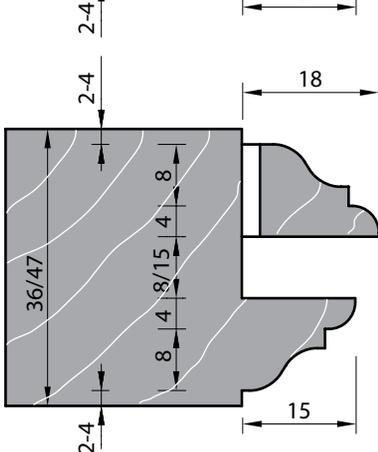
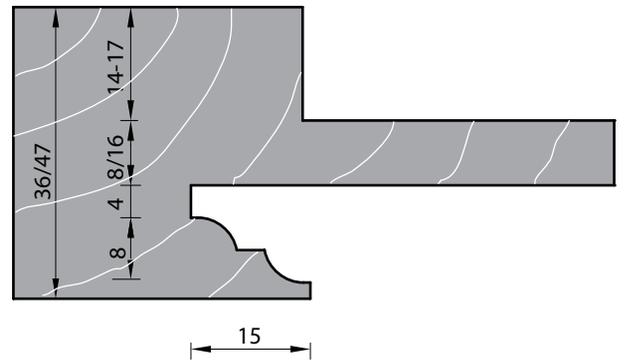
GRUPPO N°2



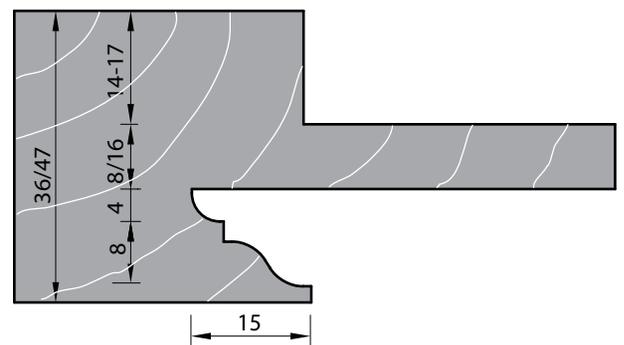
PROFILO N°1



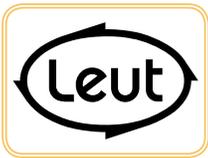
PROFILO N°2



PROFILO N°3



IL GRUPPO VIENE FORNITO CON IL SET DI COLTELLI PER IL PROFILO N°1
 THIS GROUP IS DELIVERED WITH THE SET OF KNIVES FOR PROFILE N°1
 LE GROUPE EST FOURNI AVEC UN ENSEMBLE DE PLAQUETTES PROFIL N°1
 EL GRUPO VIENE PROVEÍDO DEL SISTEMA DE LOS CUCHILLOS PARA EL PERFIL N°1
 КОМПЛЕКТ ПОСТАВЛЯЕТСЯ С НАБОРОМ НОЖЕЙ ДЛЯ ПРОФИЛЯ N°1



ART.
2003

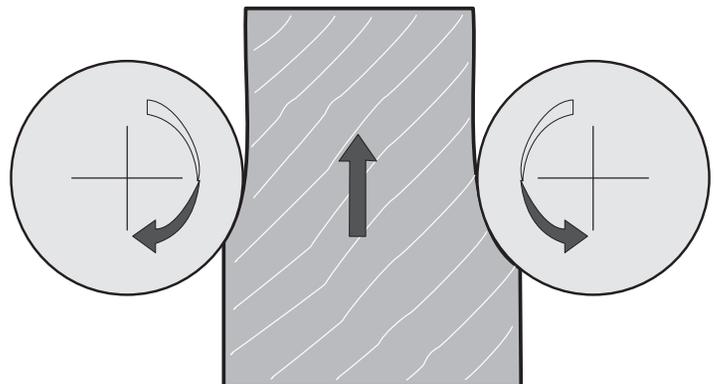
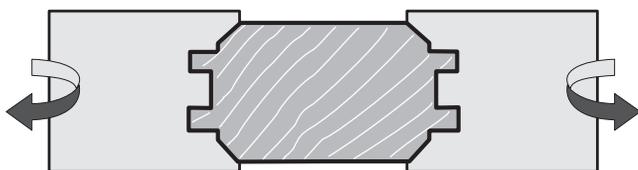
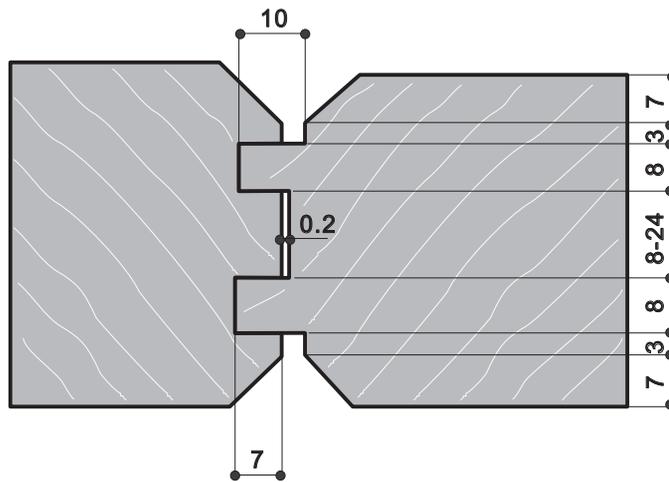
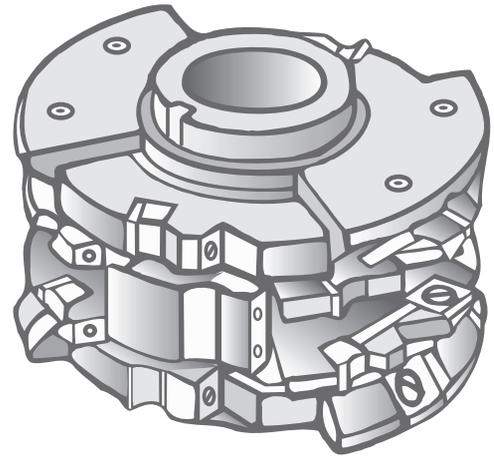
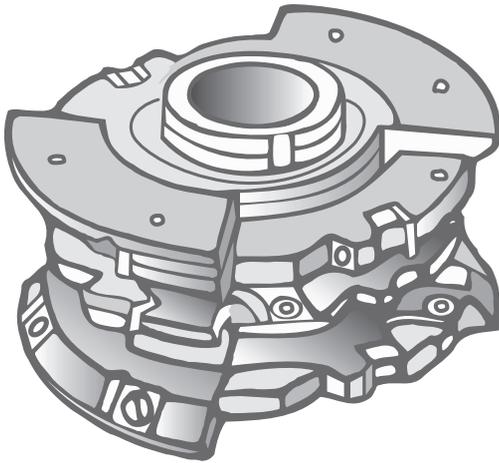
GRUPPO DI FRESE PER PERLINONI
GROUPS OF CUTTERS FOR LARGER-TYPE MATCHBOARD
GRUPO DE FRESAS MACHAMBRADO DOBLE
JEU DE PORTE-OUTILS POUR LAMBRIS DOUBLES
СЕРИЯ ФРЕЗ ДЛЯ ЕВРОВАГОНКИ

134



HW

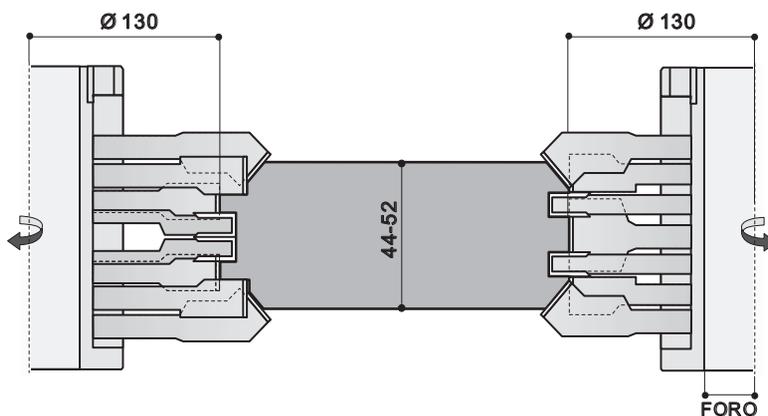
CODICE CODE	VERSIONE VERSION (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
200-35	1	44/52	30/35/40/50	4
200-36	2	44/52	30/35/40/50	4
200-37	3	48/60	30/35/40/50	4
200-38	4	48/60	30/35/40	4



3

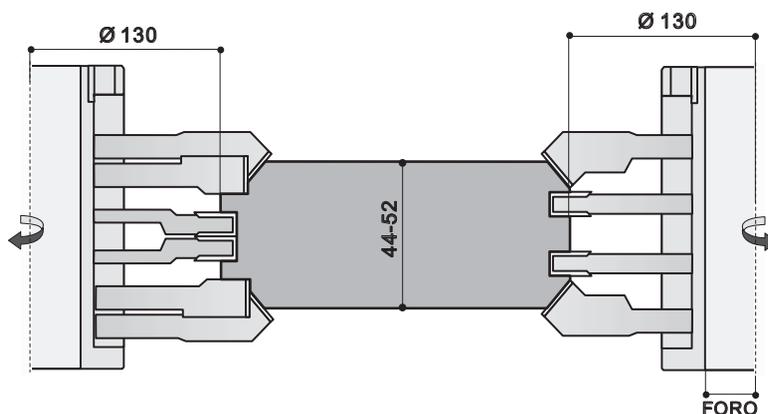
1

Per spessori di legno da 44 - 52 mm
 For wood thickness from 44- 52 mm
 Para espesor de madera de 44 - 52 mm
 Pour épaisseur de bois de 44 - 52 mm



2

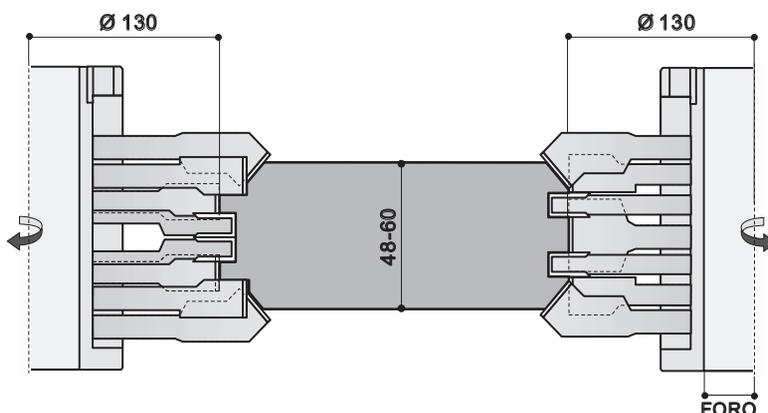
Per spessori di legno da 44 - 52 mm
 con quadrotto presquadrato
 For wood thickness from 44- 52 mm
 with presquared panels
 Para espesor de madera de 44 - 52 mm
 preescuadrada
 Pour épaisseur de bois de 44 - 52 mm
 avec planche pré-équerrage



3

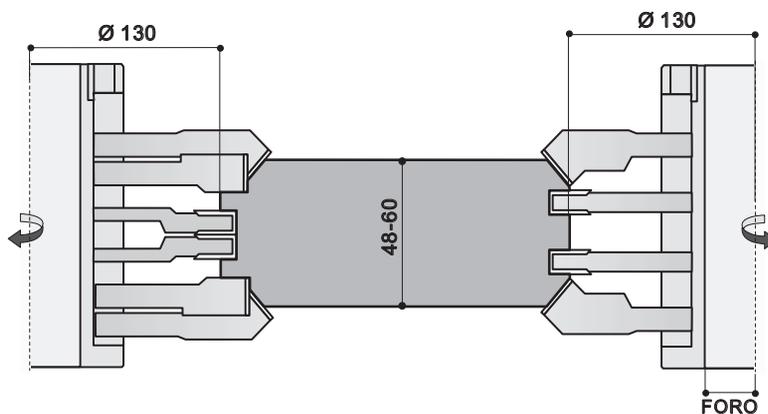
3

Per spessori di legno da 48 - 60 mm
 For wood thickness from 48 - 60 mm
 Para espesor de madera de 48 - 60 mm
 Pour épaisseur de bois de 48 - 60 mm



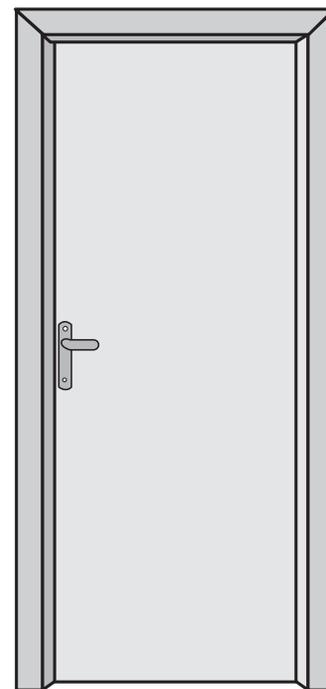
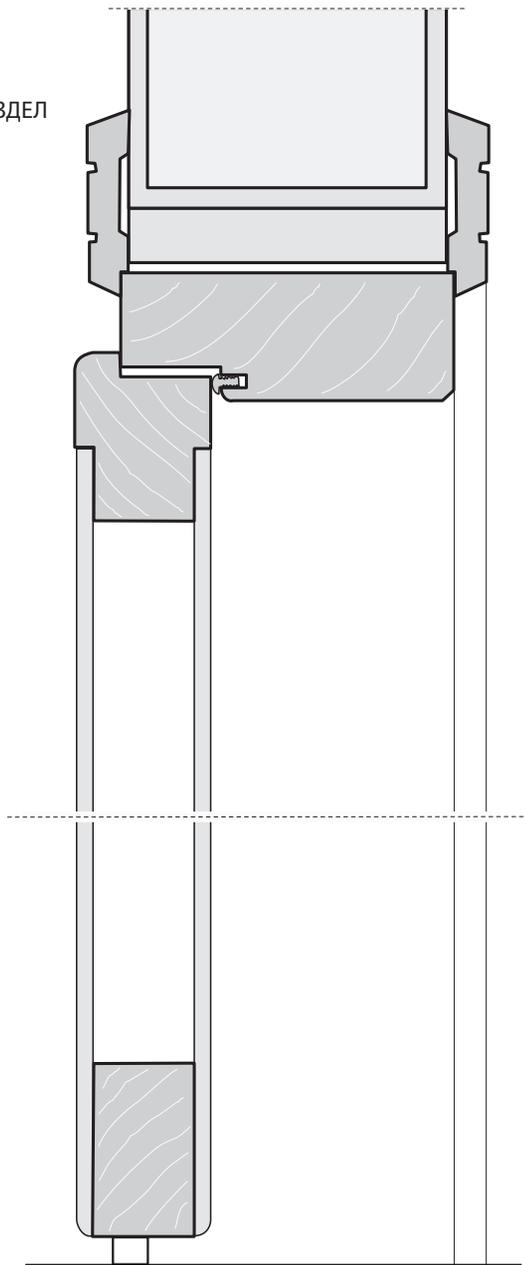
4

Per spessori di legno da 48 - 60 mm
 con quadrotto presquadrato
 For wood thickness from 48 - 60 mm
 with presquared panels
 Para espesor de madera de 48 - 60 mm
 preescuadrada
 Pour épaisseur de bois de 48 - 60 mm
 avec planche pré-équerrage

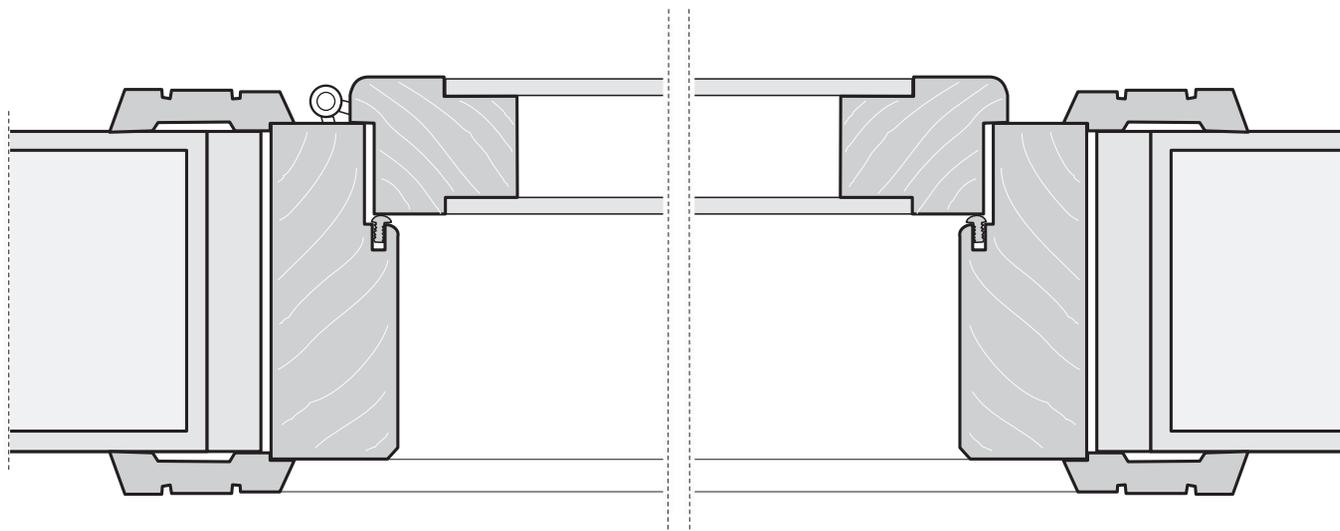




SEZIONE VERTICALE
VERTICAL SECTION
SECCION VERTICAL
SECTION VERTICALE
ВЕРТИКАЛЬНЫЙ РАЗДЕЛ

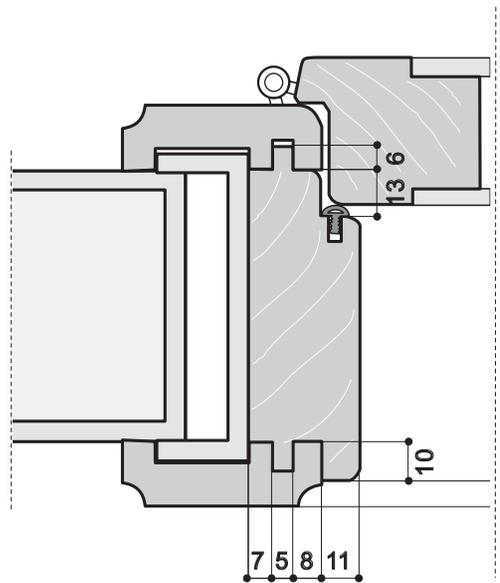
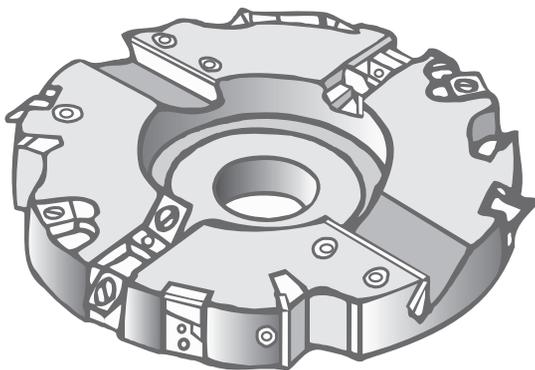
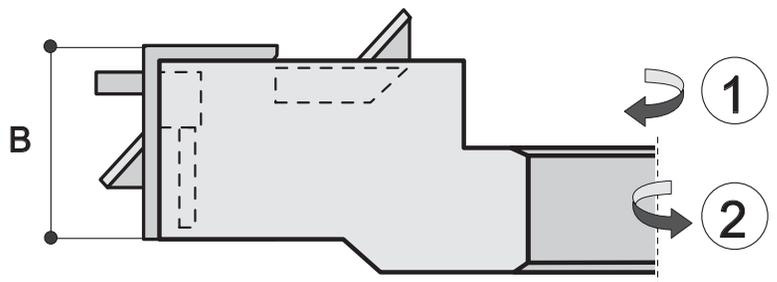
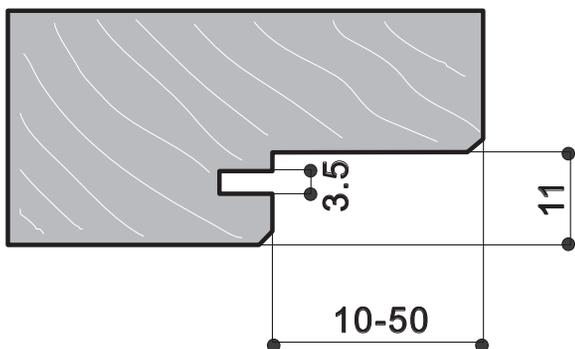


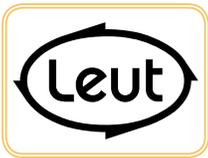
SEZIONE ORIZZONTALE
HORIZONTAL SECTION
SECCION HORIZONTAL
SECTION HORIZONTALE
ГОРИЗОНТАЛЬНЫЙ РАЗДЕЛ




HW

CODICE CODE	POSIZIONE POSITION (mm)	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)	RASANTI SCRIBERS (n°)
140	1	198	30	30/35/40/50	4+2	2
141	2	198	30	30/35/40/50	4+2	2


3




ART.
2005

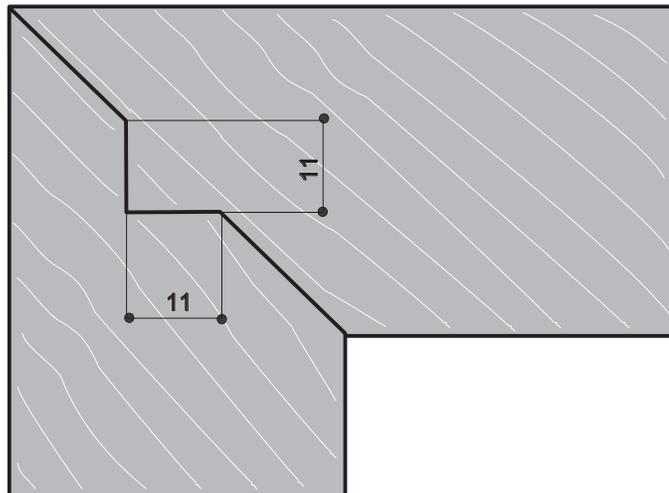
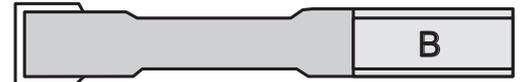
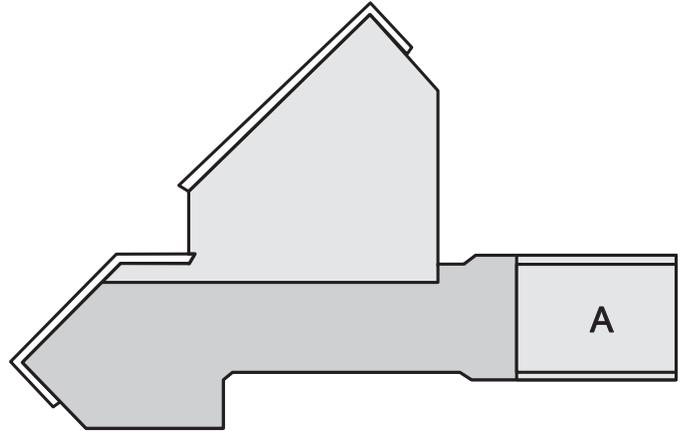
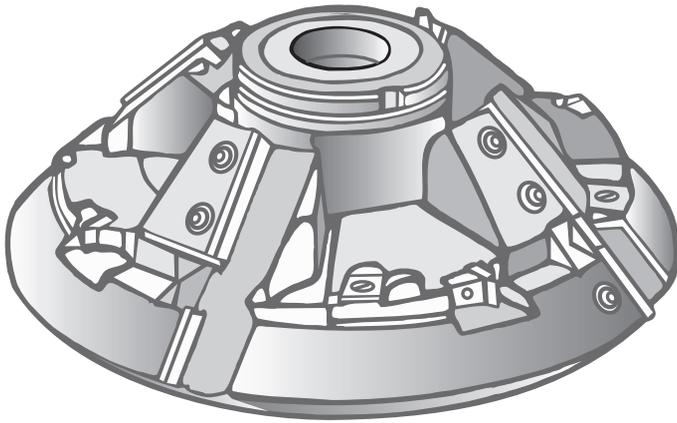
GRUPPO FRESE PER GIUNZIONI A 45°
GROUPE OF 45° JOINT CUTTERS
GRUPO DE FRESAS PARA JUNTAS A 45°
GROUPE DE PORTE-OUTILS POUR ASSEMBLAGE À 45°
ГРУППА ФРЕЗ ДЛЯ СРАЩИВАНИЯ (ПОД 45°)

138



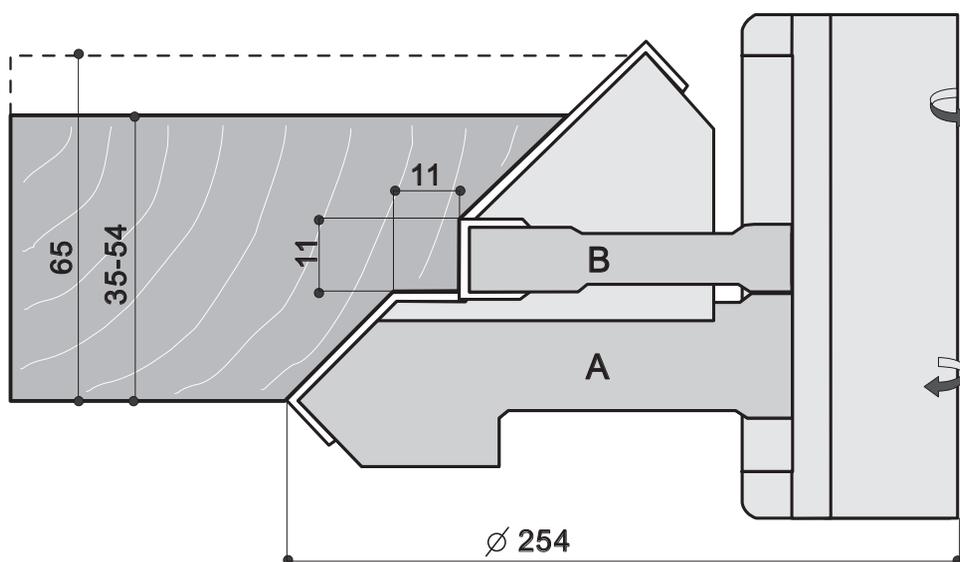
HW

CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
142	143	254	70	30/35/40/50	3



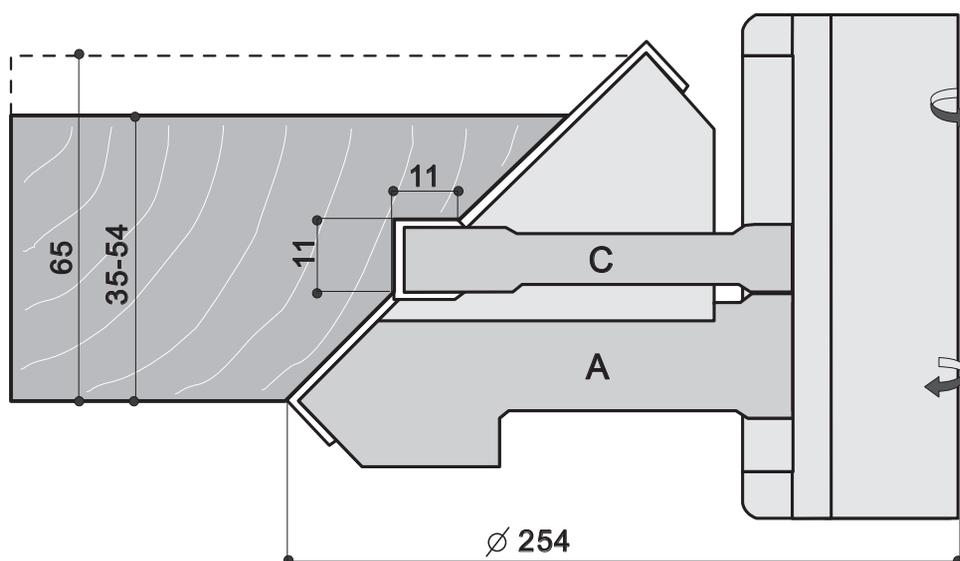
3

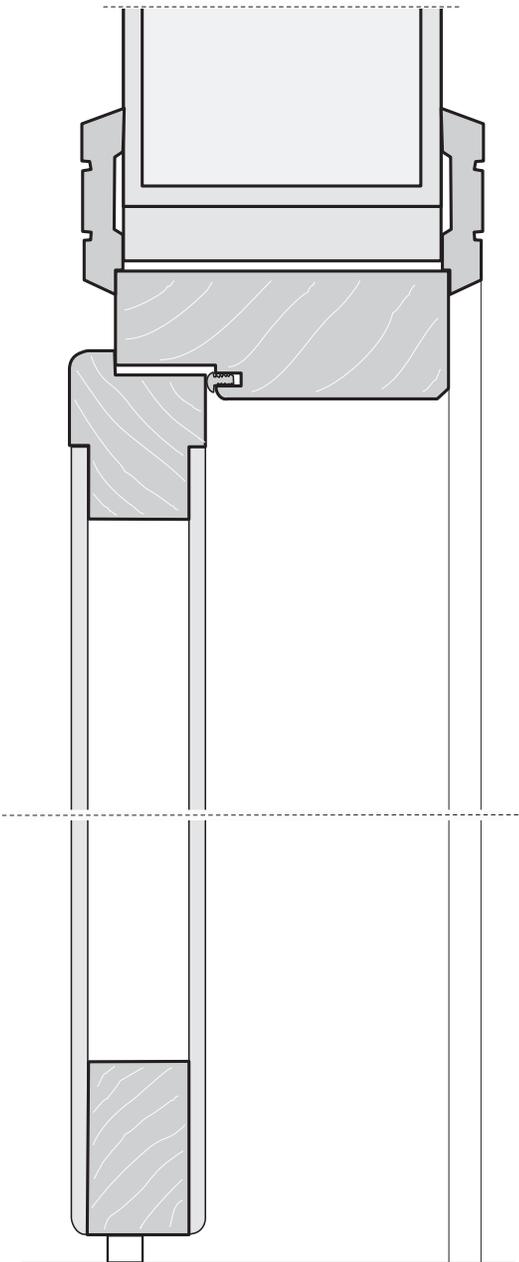
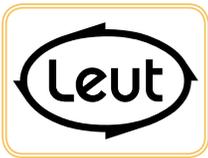
ESECUZIONE PROFILO MASCHIO
 FOR MAKING MALE PROFILES
 EJECUCIÓN DEL PROFIL MACHO
 USINAGE DU PROFIL MÂLE
 МУЖЧИНА ПРОФИЛЯ ИСПОЛНЕНИЯ



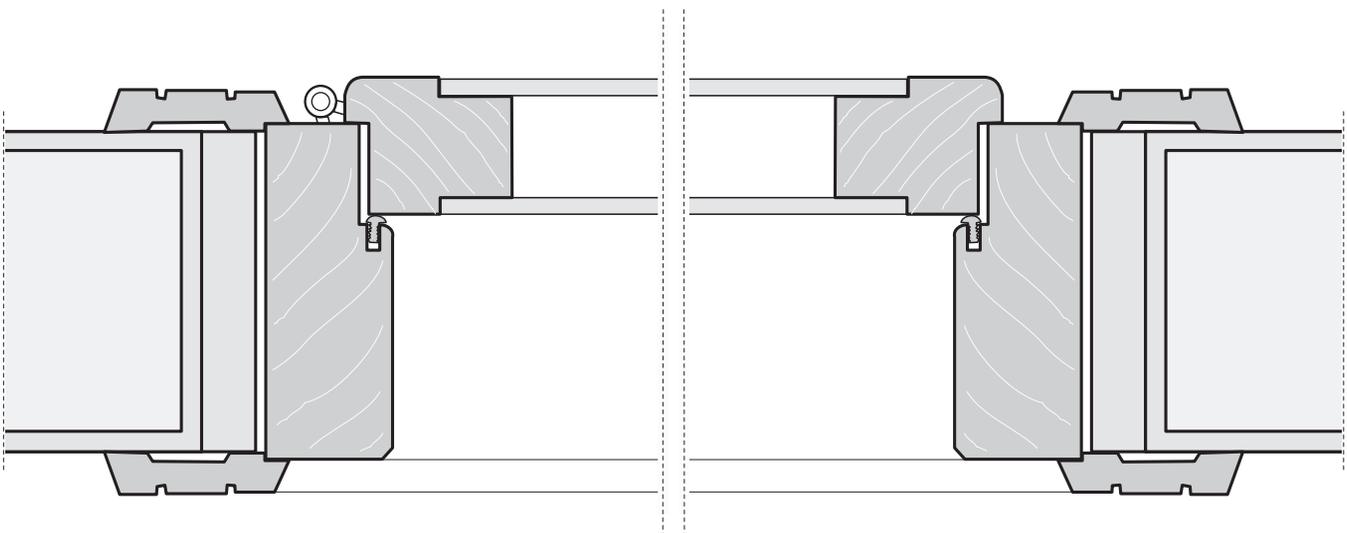
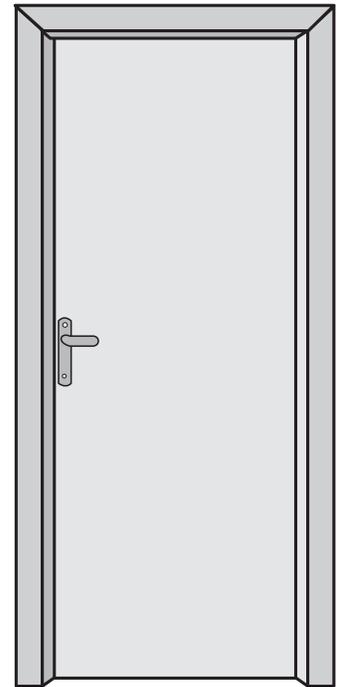
3

ESECUZIONE PROFILO FEMMINA
 FOR MAKING FEMALE PROFILES
 EJECUCIÓN DEL PROFIL HEMBRA
 USINAGE DU PROFIL FEMELLE
 ЖЕНЩИНА ПРОФИЛЯ ИСПОЛНЕНИЯ

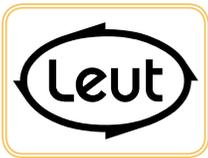




SEZIONE VERTICALE
VERTICAL SECTION
SECCION VERTICAL
SECTION VERTICALE
ВЕРТИКАЛЬНЫЙ РАЗДЕЛ



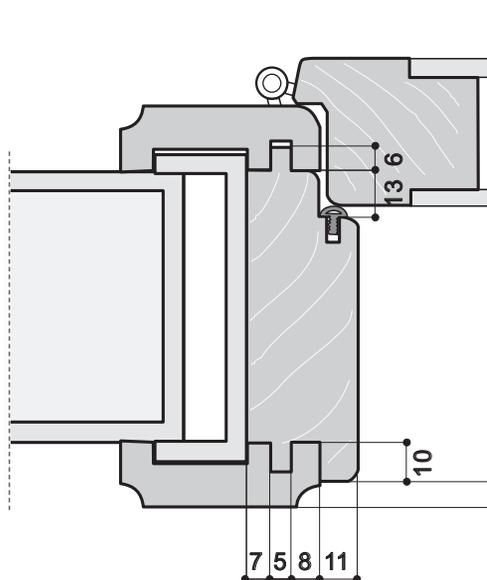
SEZIONE ORIZZONTALE
HORIZONTAL SECTION
SECCION HORIZONTAL
SECTION HORIZONTALE
ГОРИЗОНТАЛЬНЫЙ РАЗДЕЛ



ART.
2006

GRUPPI FRESE PER TELAIO REGISTRABILE
SET OF ADJUSTABLE FRAME CUTTERS
GRUPO DE FRESAS PARA MARCO REGULABLE
JEUX DE PORTE-OUTILS POUR CHÂSSIS EXTENSIBLES
ГРУППА ФРЕЗ С РЕГУЛИРУЕМЫМ КАРКАСОМ

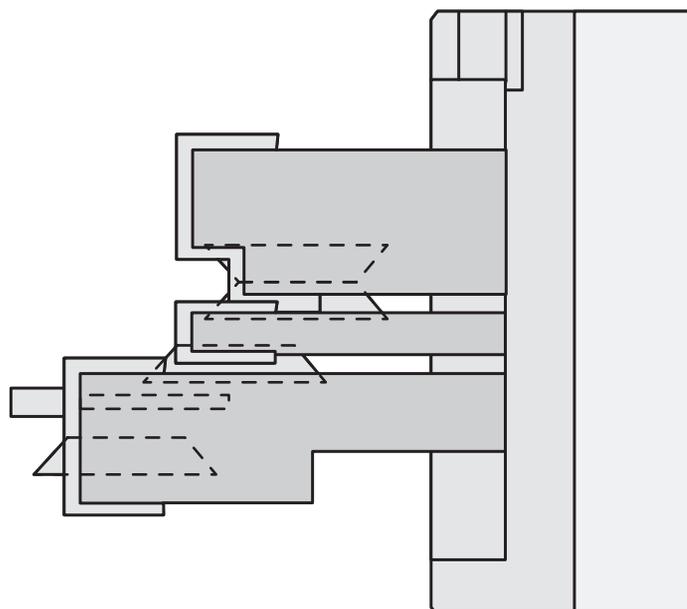
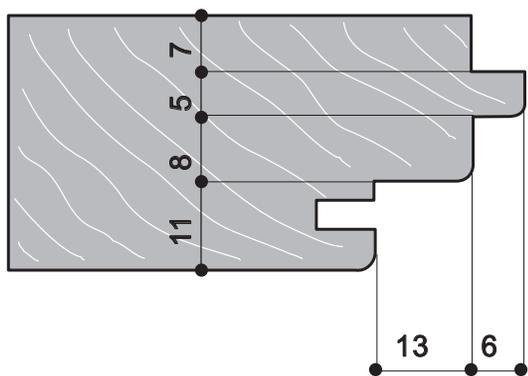
141

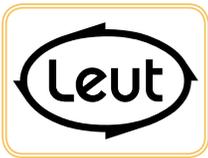


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
151	160	40	30/35/40/50	4

3





ART.
2006

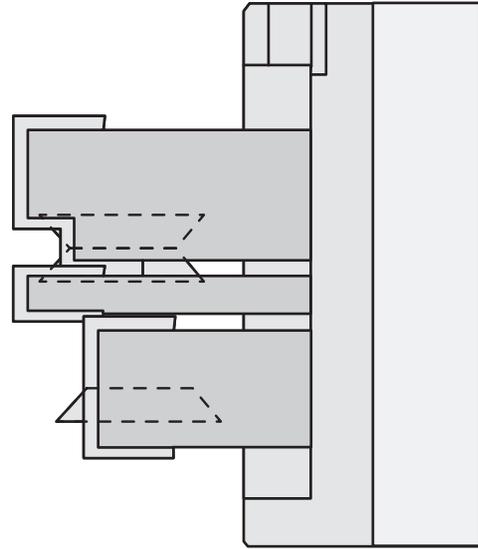
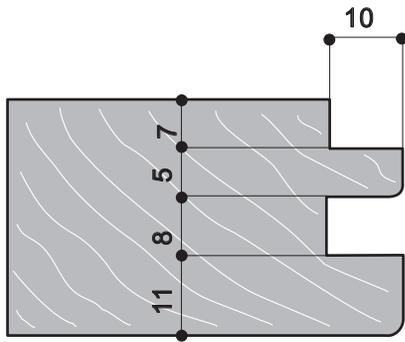
GRUPPI FRESE PER TELAIO REGISTRABILE
SET OF ADJUSTABLE FRAME CUTTERS
GRUPO DE FRESAS PARA MARCO REGULABLE
JEUX DE PORTE-OUTILS POUR CHÂSSIS EXTENSIBLES
ГРУППА ФРЕЗ С РЕГУЛИРУЕМЫМ КАРКАСОМ

142



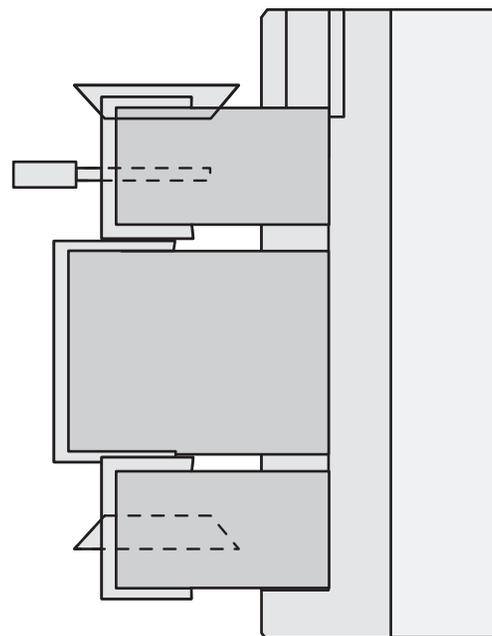
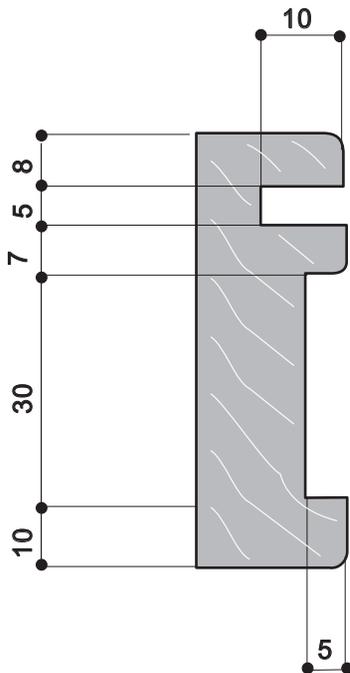
HW

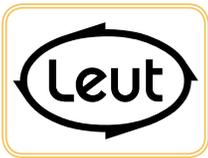
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
152	160	40	30/35/40/50	4



HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
153	160	70	30/35/40/50	4





ART.
2007

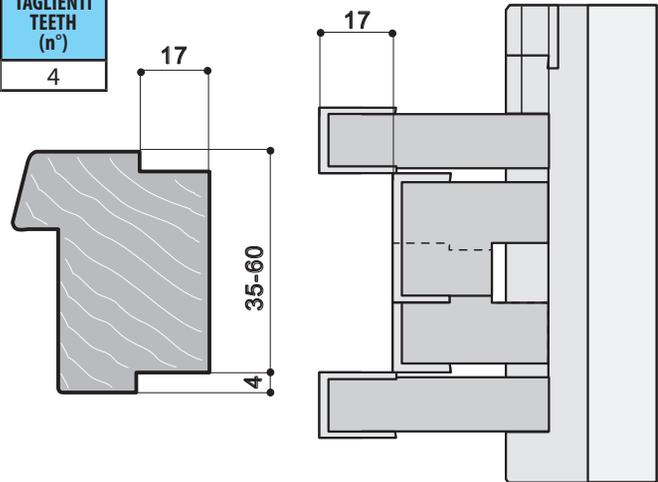
GRUPPI DI FRESE PER PORTE CON MASSELLO RIPORTATO
CUTTER SET FOR DOORS WITH APPLICATED WOODEN LATH
GRUPO DE FRESAS PARA MARCO REGULABLE PUERTAS CON BARRA SOBREPUESTA
JEUX DE PORTE-OUTILS POUR PORTES AVEC PLACAGE DE BOIS MASSIF
ГРУППА ФРЕЗ ДЛЯ ДВЕРЕЙ + ТВЕРДАЯ ДРЕВЕСИНА

143



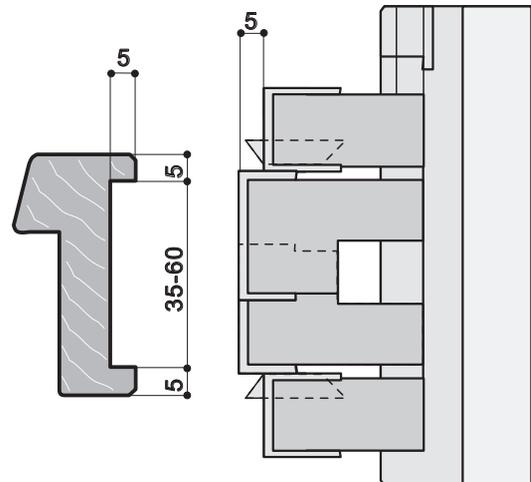
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
144	160	70	30/35/40/50	4

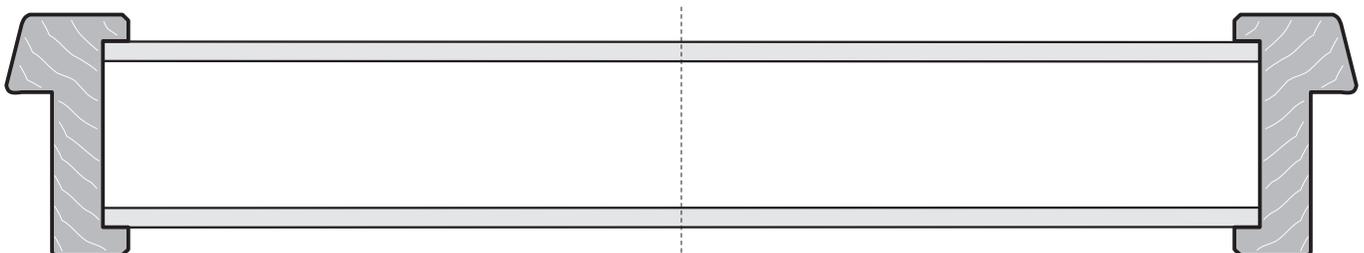
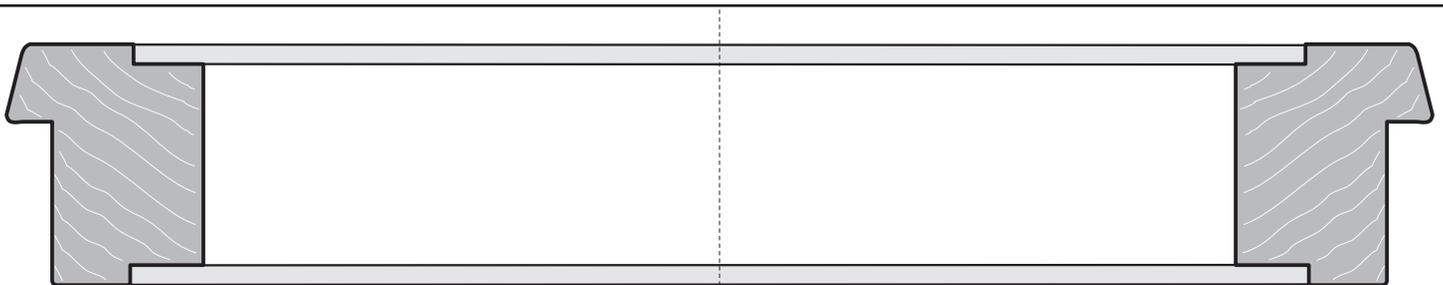


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
145	160	80	30/35/40/50	4

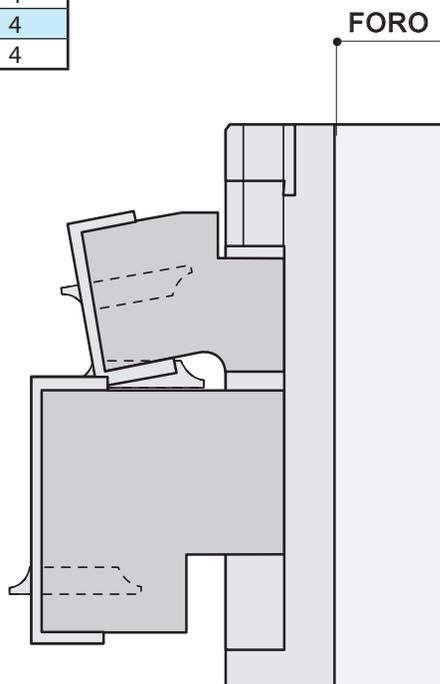
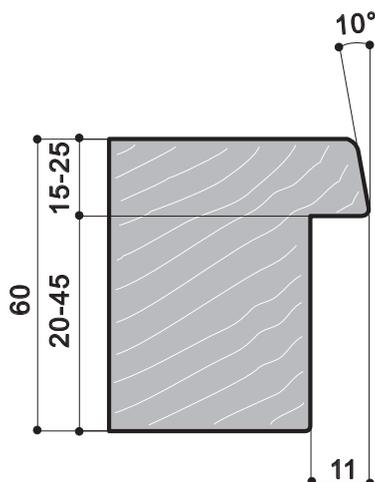


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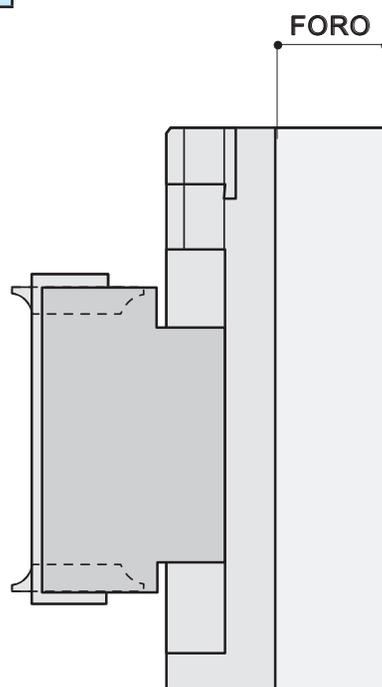
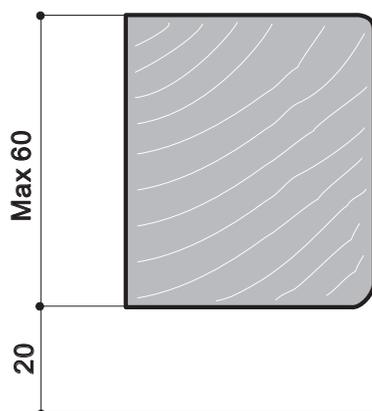


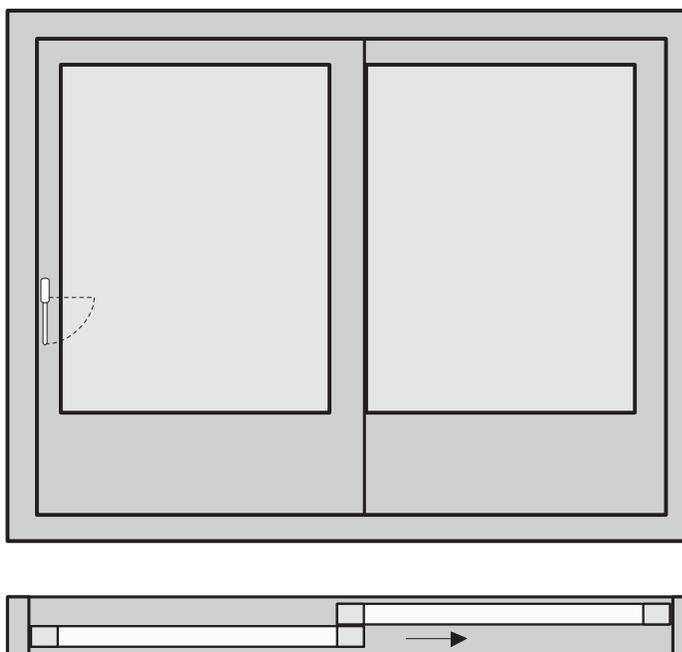

HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
158/A	160	80	30/35/40/50	4
158/B	200	80	30/35/40/50	4
158/C	300	80	30/35/40/50	4

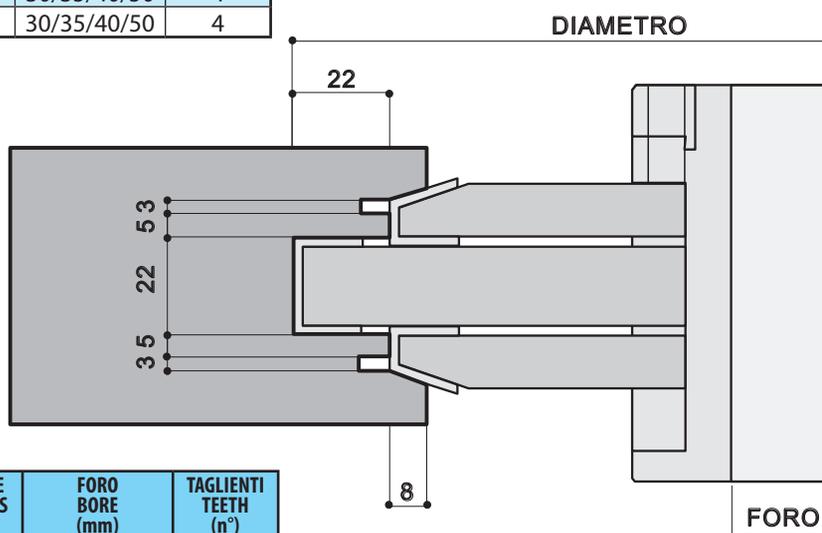

HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
159/A	160	70	30/35/40/50	4
159/C	200	70	30/35/40/50	4

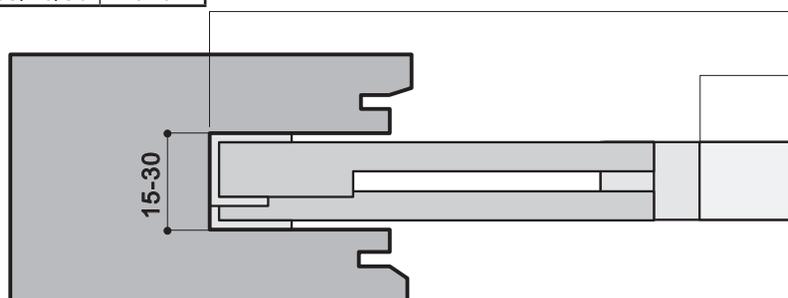


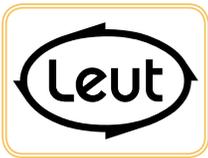

HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
156/A	160	45	30/35/40/50	4
156/B	250	45	30/35/40/50	4
156/C	304	45	30/35/40/50	4

3

HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
157/A	160	15/30	30/35/40/50	4+4
157/B	200	15/30	30/35/40/50	4+4
157/C	180	15/30	30/35/40/50	4+4
157/D	200	15/30	30/35/40/50	6+6
157/E	250	15/30	30/35/40/50	6+6





ART.
2010

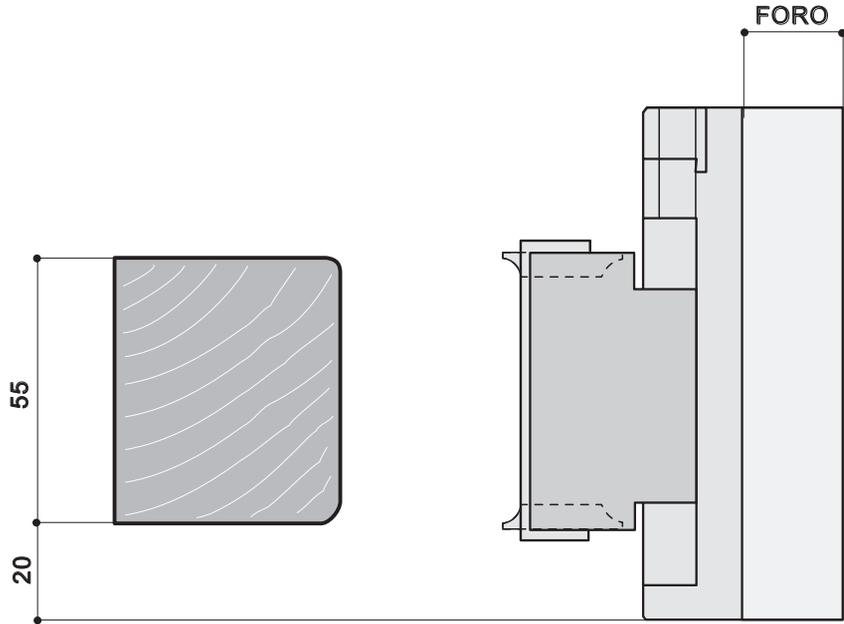
GRUPPI DI FRESE PER PORTONCINO CON GUARNIZIONE
SET OF CUTTERS FOR ENTRANCE DOOR WITH WEATHER STRIP
GRUPOS DE FRESAS PARA PUERTA CON JUNTA DE ESTANQUIDAD
JEUX DE PORTE-OUTILS POUR PETIT PORTAIL AVEC JOINT
ГРУППА ФРЕЗ ДЛЯ ДВЕРЦЫ С ПРОКЛАДКОЙ

146



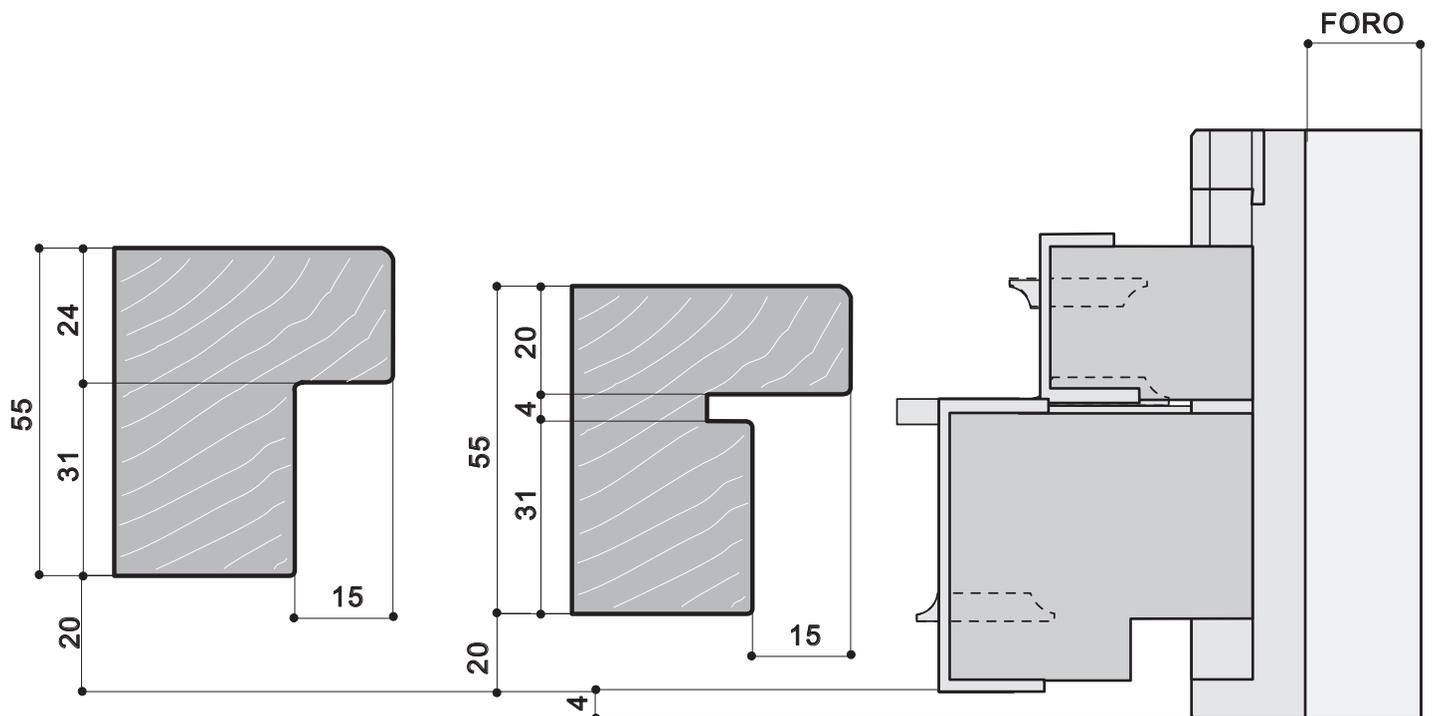
HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
161/A	160	70	30/35/40/50	4
161/B	200	70	30/35/40/50	4
161/C	300	70	30/35/40/50	4

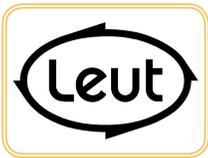


HW

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
162/A	160	70	30/35/40/50	4
162/B	200	70	30/35/40/50	4
162/C	300	70	30/35/40/50	4



3



ART.
2010

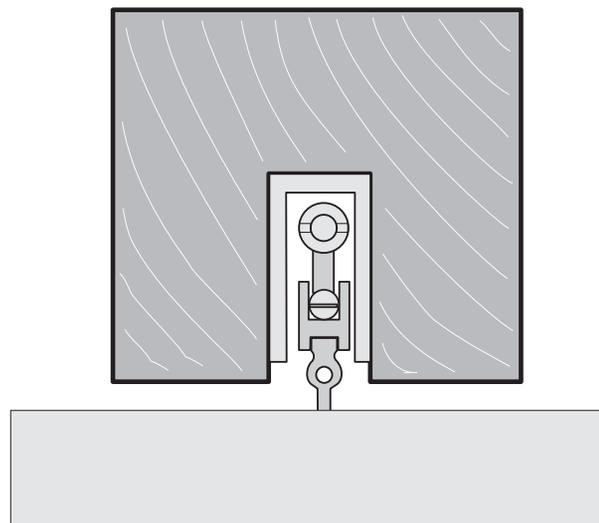
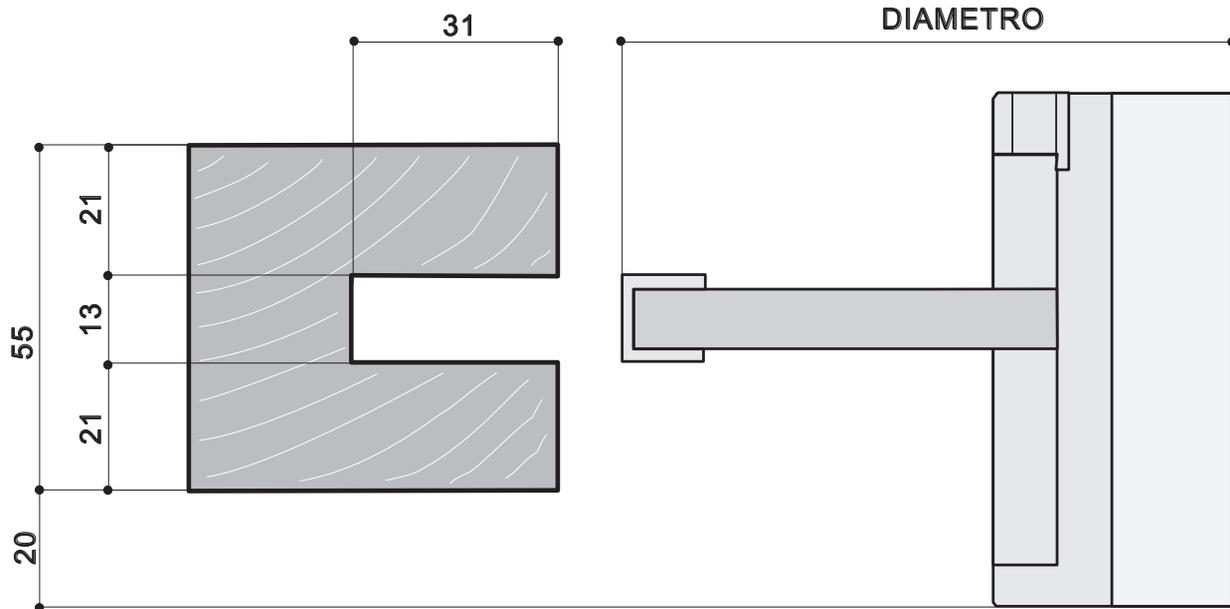
GRUPPI DI FRESE PER PORTONCINO CON GUARNIZIONE
SET OF CUTTERS FOR ENTRANCE DOOR WITH WEATHER STRIP
GRUPOS DE FRESAS PARA PUERTA CON JUNTA DE ESTANQUAIDAD
JEUX DE PORTE-OUTILS POUR PETIT PORTAIL AVEC JOINT
ГРУППА ФРЕЗ ДЛЯ ДВЕРЦЫ С ПРОКЛАДКОЙ

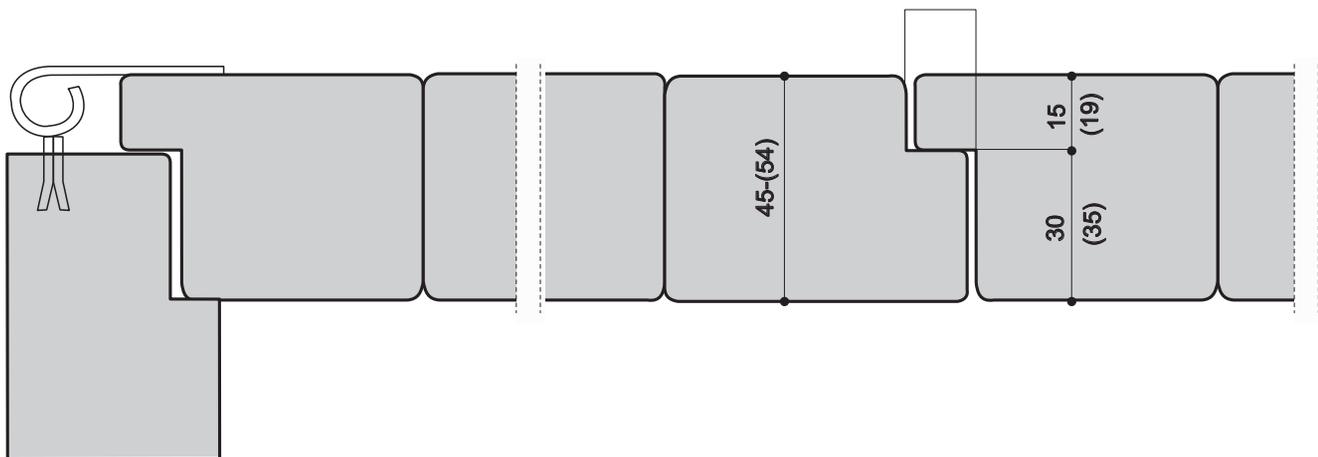
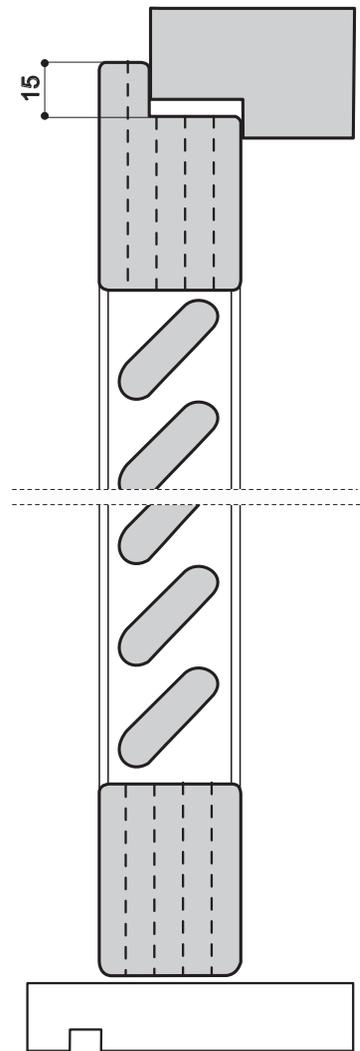
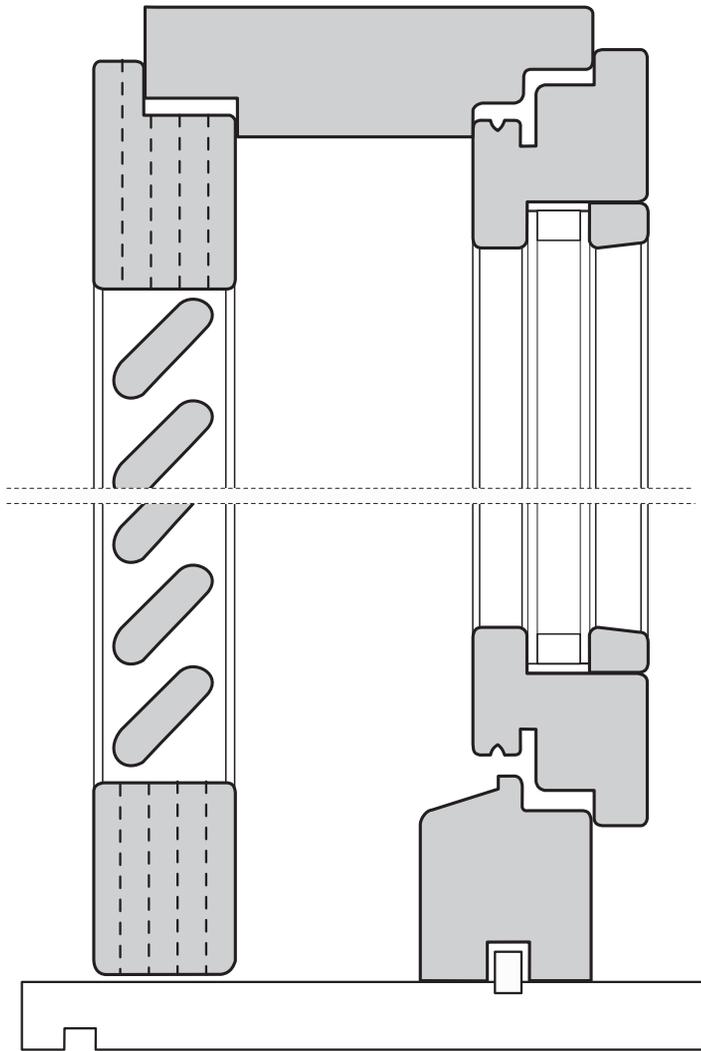
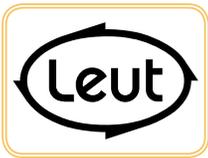
147



HW

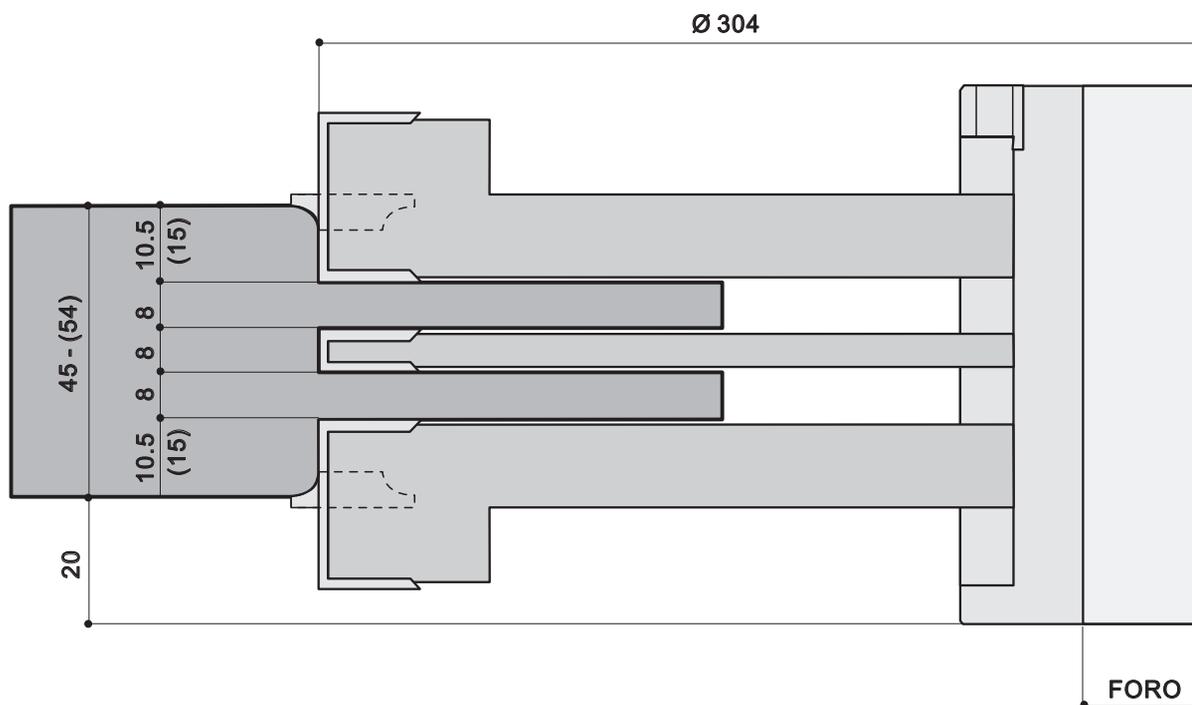
CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (mm)	RASANTI SCRIBERS (mm)
163/A	160	13	30/35/40/50	4	4
163/B	200	13	30/35/40/50	4	4
163/C	300	13	30/35/40/50	4	4





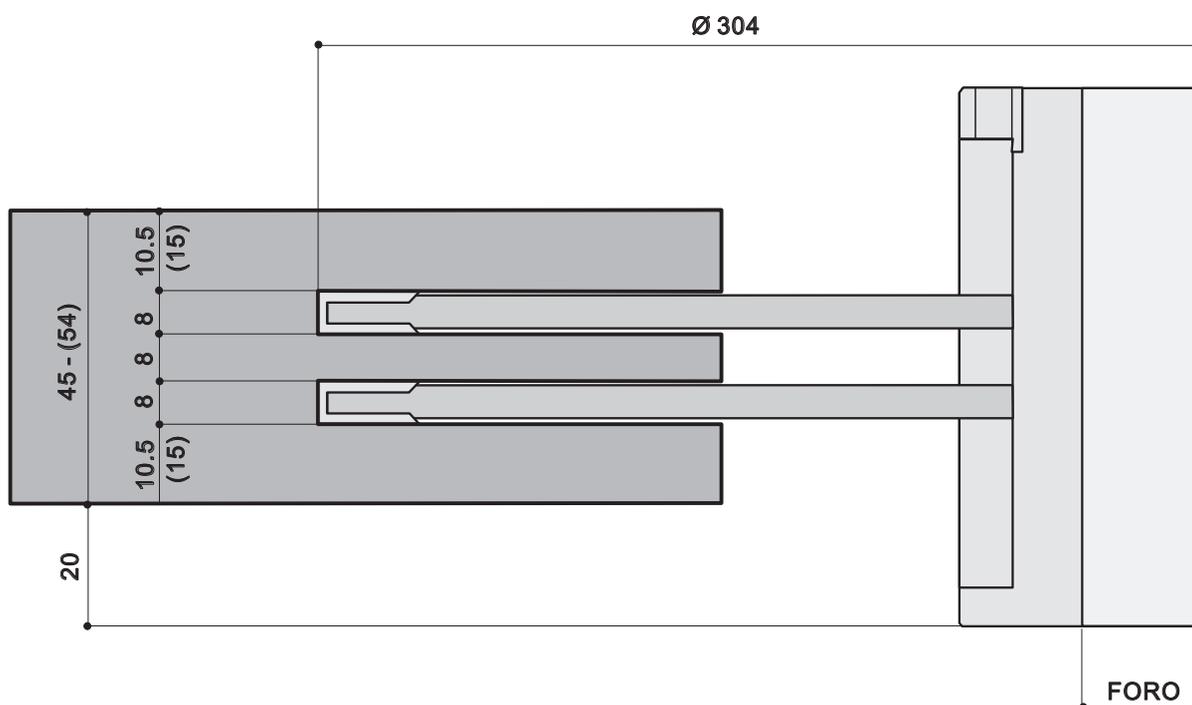

HW

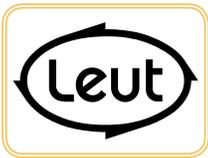
CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (mm)	RASANTI SCRIBERS (mm)
166	165	304	65	30/35/40/50	3	3


3

HW

CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (mm)	TAGLIENTI TEETH (mm)
168	167	304	24	30/35/40/50	3	6

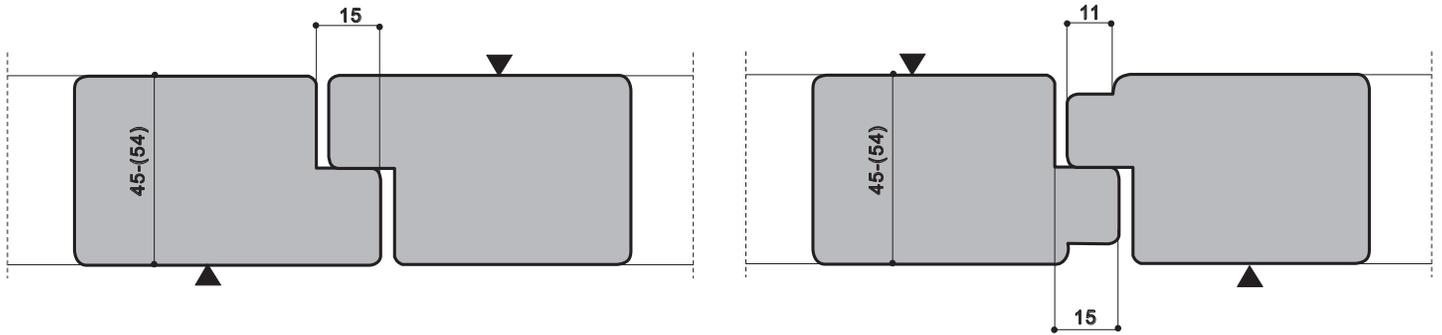




ART.
2012

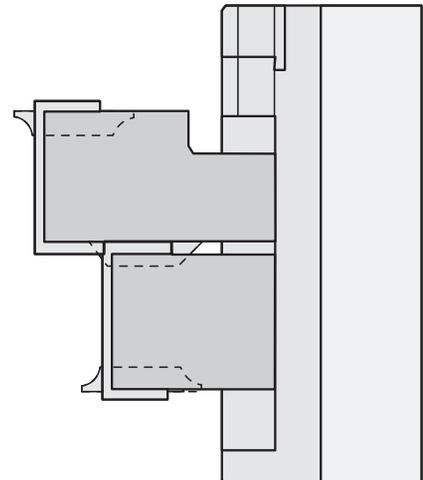
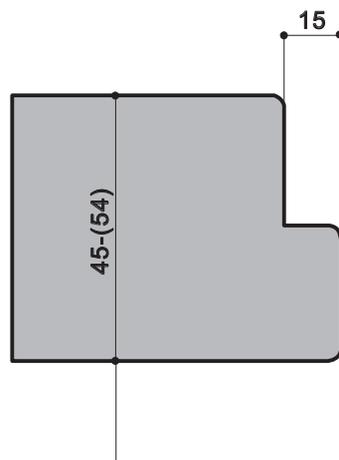
VARIANTI PER CHIUSURA CENTRALE PERSIANE
CENTRAL BLIND CLOSING VARIATION
VARIANTE PARA EL CIERRE CENTRAL DE PERSIANA
VARIANTE POUR LA FERMETURE CENTRALE DES PERSIENNES
ВАРИАНТЫ ЗАКРЫТИЯ ЖАЛЮЗЕЙ ПО ЦЕНТРУ

150



HW

CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (mm)
178	177	160	65	30/35/40/50	4

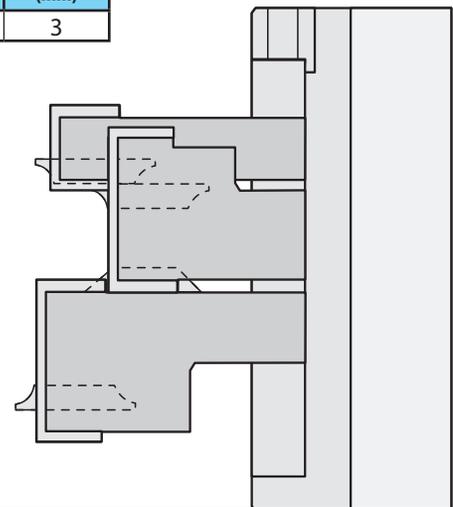
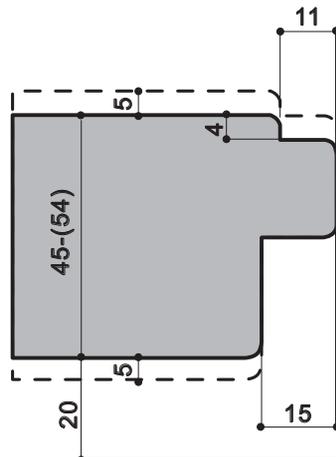


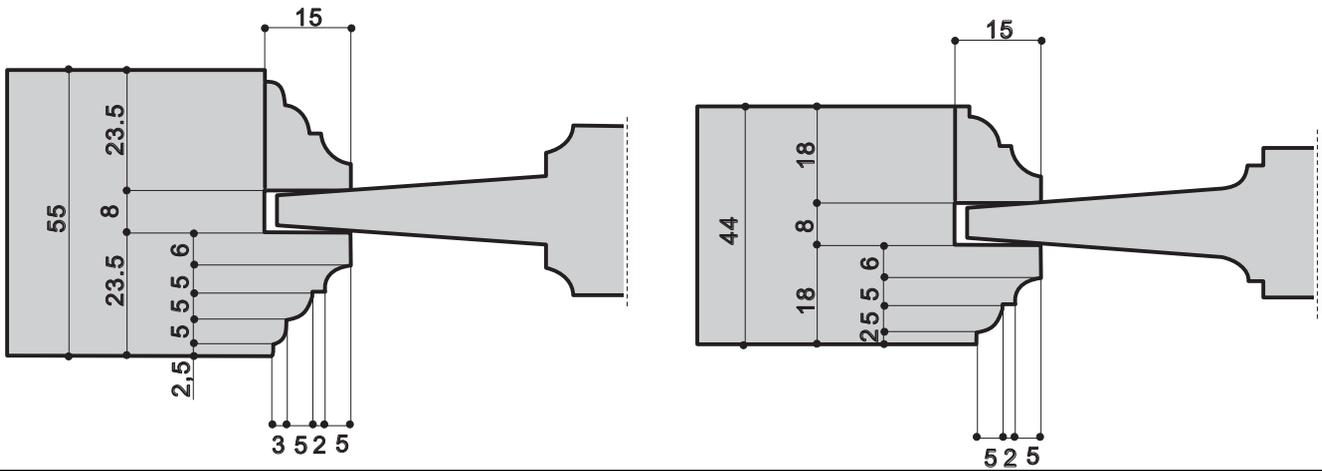
3



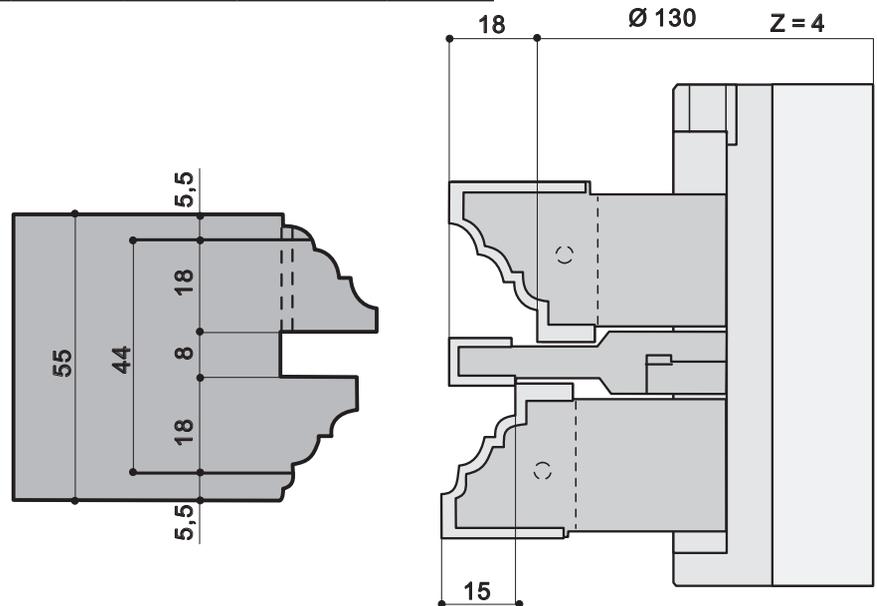
HW

CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (mm)
180	179	160	75	30/35/40/50	3

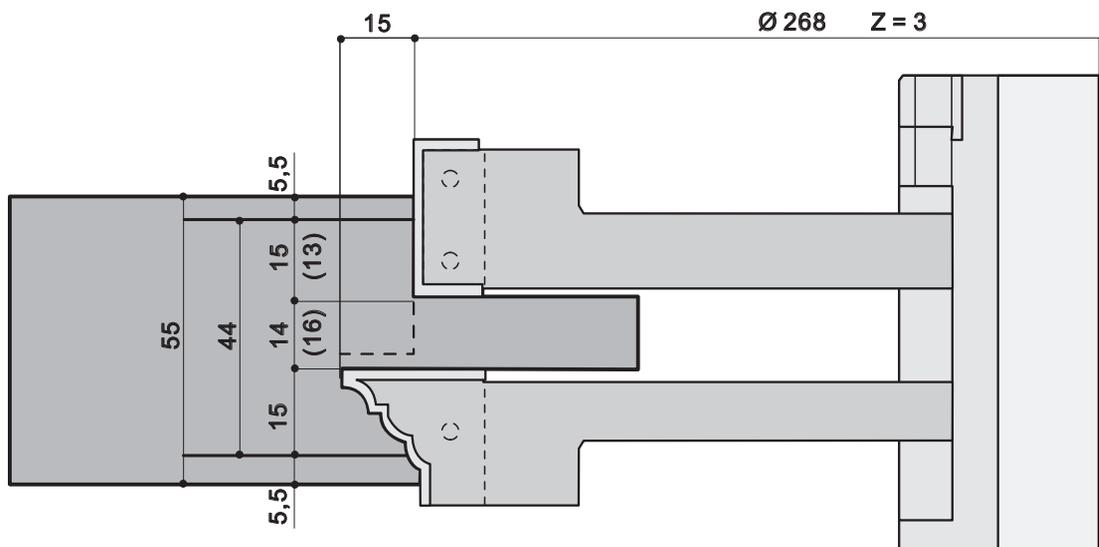


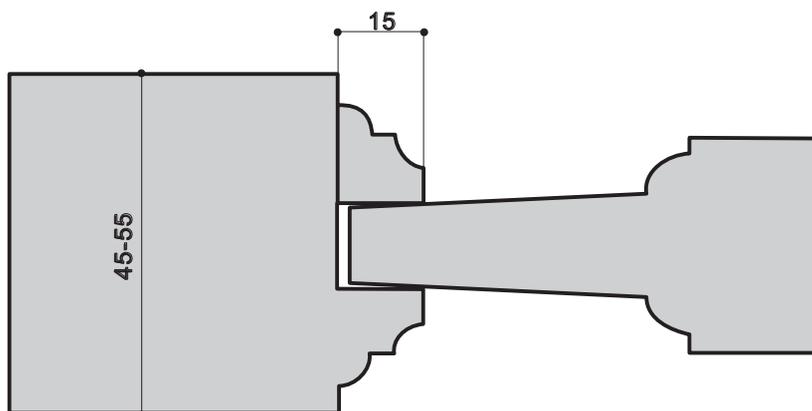

HW

CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (mm)
170	169	166	65	30/35/40/50	4

3

HW

CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (mm)	RASANTI SCRIBERS (mm)
172	171	298	65	30/35/40/50	3	3

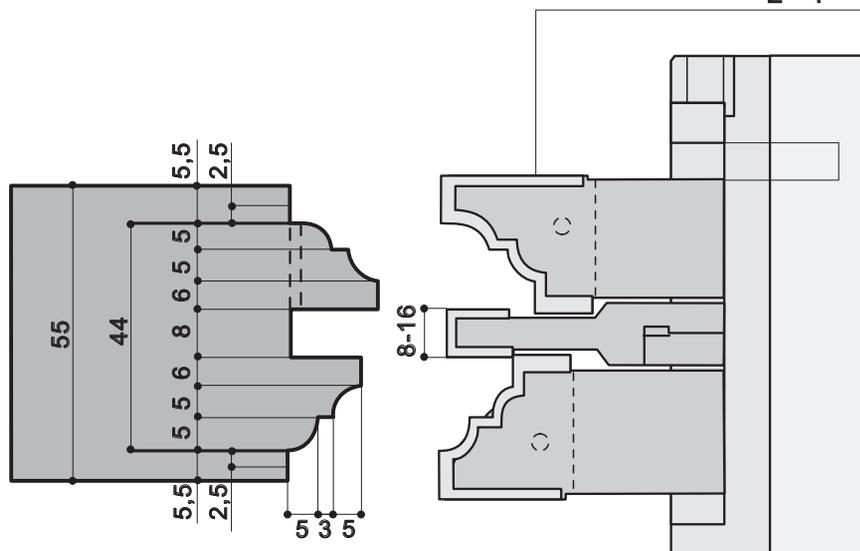




HW

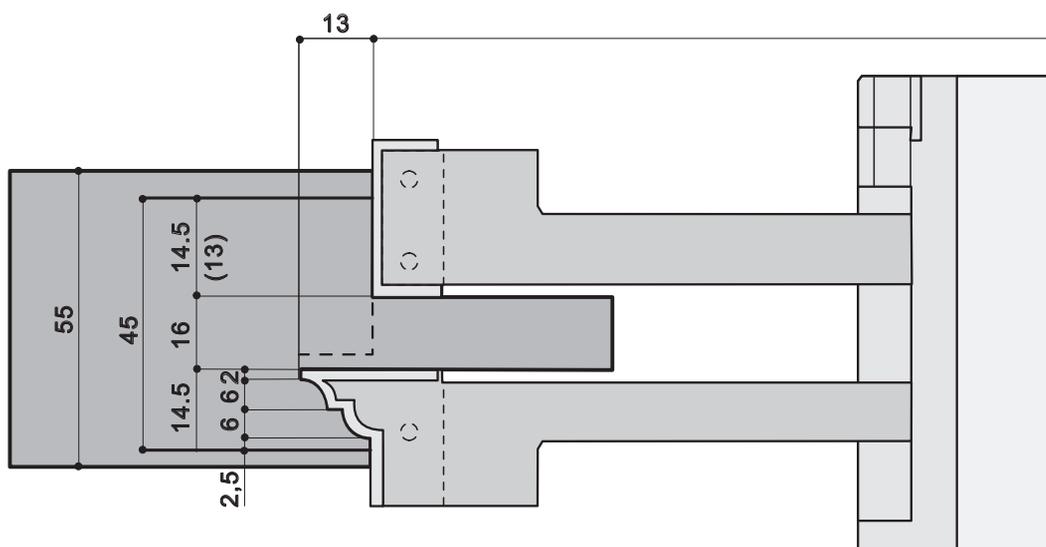
CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (mm)
174	173	160	65	30/35/40/50	4

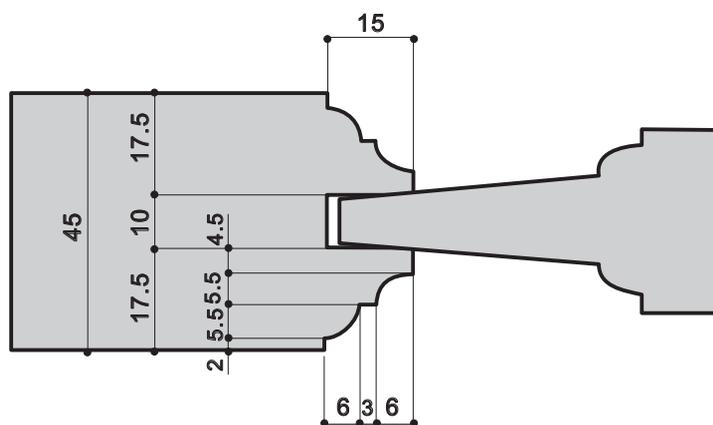
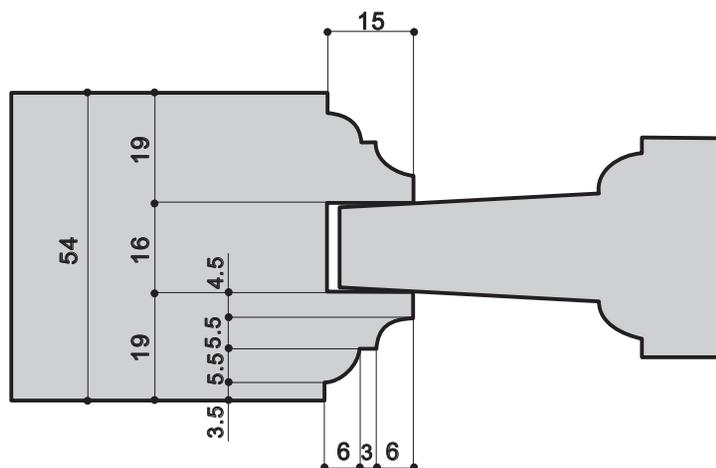
Ø 130 Z = 4



HW

CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (mm)	RASANTI SCRIBERS (mm)
176	175	294	65	30/35/40/50	3	3



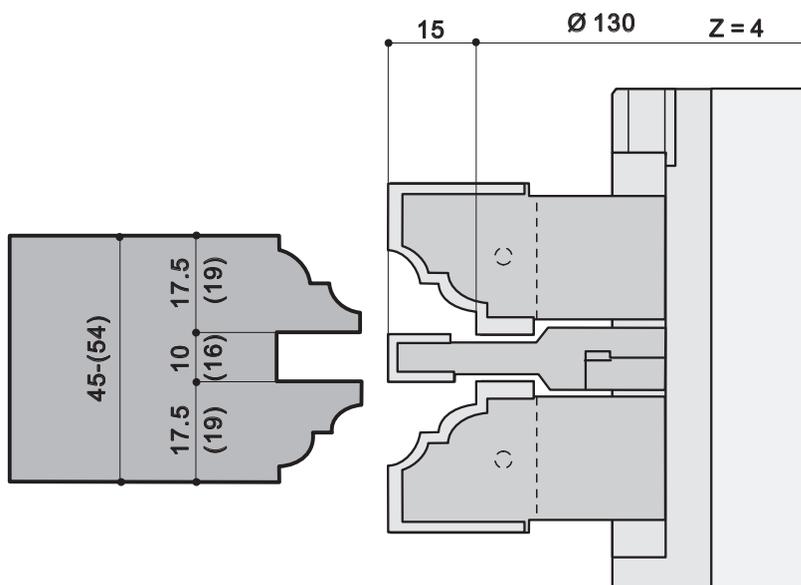


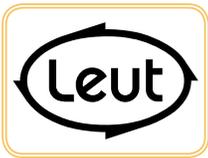
3



HW

CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (mm)
182	181	160	65	30/35/40/50	4





ART.
2015

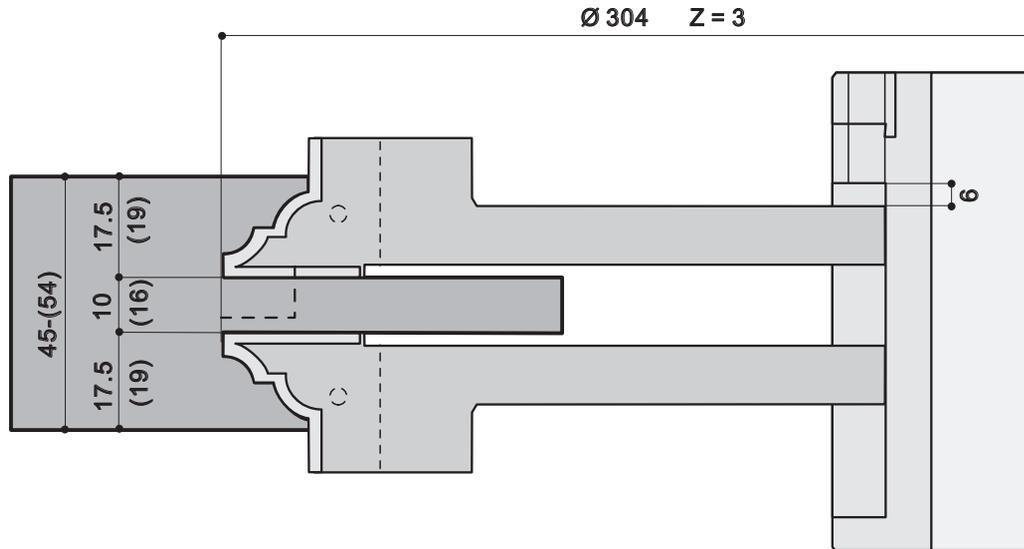
GRUPPI PER PROFILI SAGOMATI PER PORTE E PORTONCINI
SHAPED PROFILE SETS FOR DOORS AND ENTRANCE DOORS
GRUPOS PARA PERFIL CON MOLDURA PARA PUERTAS Y TAPALUCES
JEUX POUR PROFILS FAÇONNÉS POUR PORTES ET PORTAILS
ГРУППА ДЛЯ ШАБЛОННЫХ ПРОФИЛЕЙ ДВЕРЕЙ И ДВЕРЦ

154



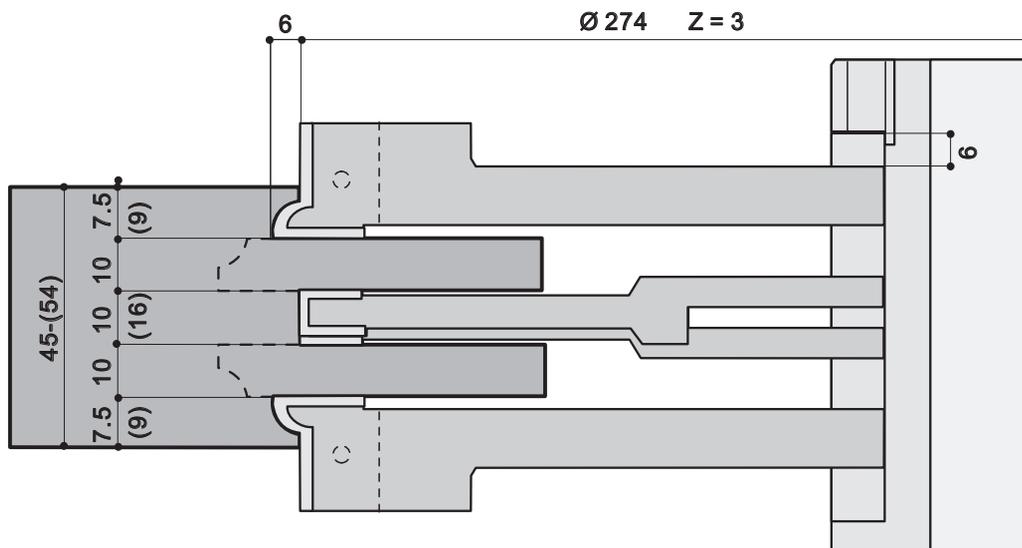
HW

CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (mm)	RASANTI SCRIBERS (mm)
184	183	304	65	30/35/40/50	3	3



HW

CODICE-CODE	CODICE-CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (mm)	RASANTI SCRIBERS (mm)
186	185	286	65	30/35/40/50	3	3



3

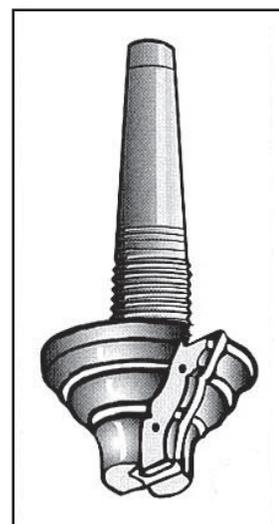
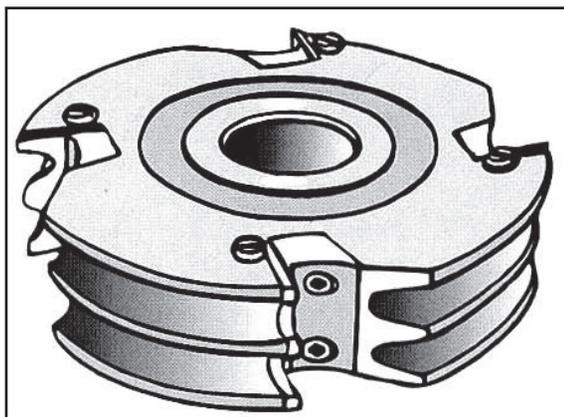
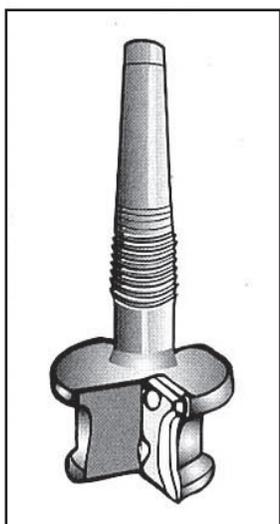
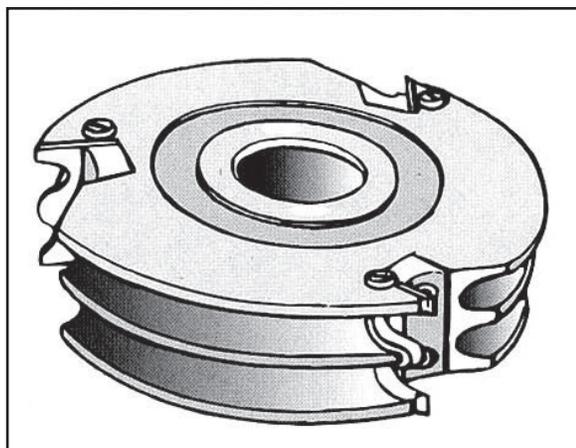
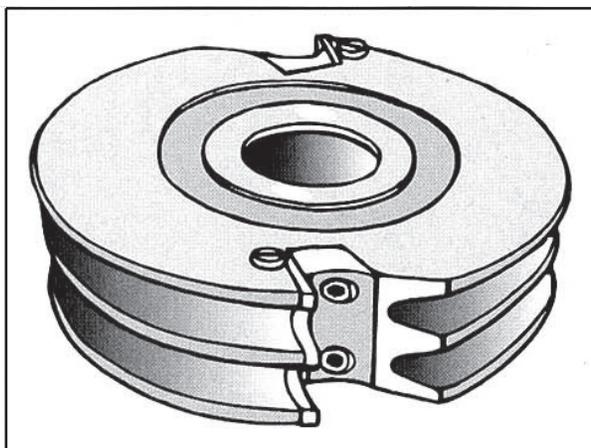
TESTE CON COLTELLI A GETTARE IN HW DI SPECIALI

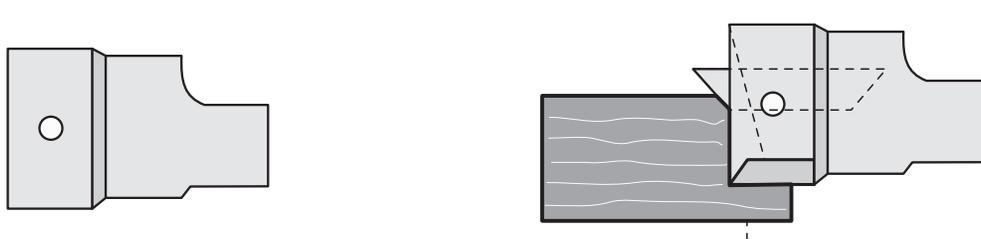
SPECIAL HEADS WITH THROWAWAY HW KNIVES

CABEZALES ESPECIALES CON CUCHILLAS DESECHABLES EN HW

**PORTE-OUTILS SPECIAUX AVEC PLAQUETTES INTERCHANGEABLE
À CARBURE**

СПЕЦИАЛЬНЫЕ ГОЛОВКИ ИЗ HW СО СМЕННЫМИ НОЖАМИ





IL PREZZO FA RIFERIMENTO ALLA TESTA COMPLETA DI COLTELLI ESCLUSO RASANTI, LEVASPIGOLI E SETTORI DENTATI

PRICE REFERS TO CUTTERHEAD COMPLETE WITH KNIVES BUT WITHOUT SHAVERS, EDGE KNIVES AND TOOTHED SECTORS

EL PRECIO SE REFIERE A LOS CABEZALES INCLUIDAS LAS CUCHILLAS; NO SE INCLUYEN LOS CORTACANTOS NI LOS SECTORES DENTADOS

LE PRIX SE RÉFÈRE AU PORTE-OUTIL FOURNI DE PLAQUETTES EXCLUS LES ARASEURS, ENÈVES-ANGLES ET SECTEURS DENTELÉS

ЦЕНА С УЧЕТОМ ГОЛОВКИ С НОЖАМИ. ИСКЛЮЧЕНЫ: СТРОГАТЕЛИ, КОСЯКОУДАЛИТЕЛИ, ЗУБЬЕВЫЕ БЛОКИ

HW


CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AC	100	12	30/35/40/50	2
AD	100	20	30/35/40/50	2
AF	100	30	30/35/40/50	2
AH	100	40	30/35/40/50	2
AK	100	50	30/35/40/50	2
AL	100	60	30/35/40/50	2
AM	100	80	30/35/40/50	2
BC	120	12	30/35/40/50	2
BD	120	20	30/35/40/50	2
BF	120	30	30/35/40/50	2
BH	120	40	30/35/40/50	2
BK	120	50	30/35/40/50	2
BL	120	60	30/35/40/50	2
BM	120	80	30/35/40/50	2
CC	150	12	30/35/40/50	2
CD	150	20	30/35/40/50	2
CF	150	30	30/35/40/50	2
CH	150	40	30/35/40/50	2
CK	150	50	30/35/40/50	2
CL	150	60	30/35/40/50	2
CM	150	80	30/35/40/50	2
DC	180	12	30/35/40/50	2
DD	180	20	30/35/40/50	2
DF	180	30	30/35/40/50	2
DH	180	40	30/35/40/50	2
DK	180	50	30/35/40/50	2
DL	180	60	30/35/40/50	2
DM	180	80	30/35/40/50	2

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	SPESSORE THICKNESS (mm)	TAGLIENTI TEETH (n°)
EC	220	12	30/35/40/50	2
ED	220	20	30/35/40/50	2
EF	220	30	30/35/40/50	2
EH	220	40	30/35/40/50	2
EK	220	50	30/35/40/50	2
EL	220	60	30/35/40/50	2
EM	220	80	30/35/40/50	2
FC	250	12	30/35/40/50	2
FD	250	20	30/35/40/50	2
FF	250	30	30/35/40/50	2
FH	250	40	30/35/40/50	2
FK	250	50	30/35/40/50	2
FL	250	60	30/35/40/50	2
FM	250	80	30/35/40/50	2
GC	300	12	30/35/40/50	2
GD	300	20	30/35/40/50	2
GF	300	30	30/35/40/50	2
GH	300	40	30/35/40/50	2
GL	300	50	30/35/40/50	2
GM	300	60	30/35/40/50	2
GN	300	80	30/35/40/50	2

1) PER LAVORAZIONE IN COPPIA SAGOMA E CONTROSAGOMA AUMENTO 10%

2) PER LAVORAZIONE FRESE ACCOPIATE FRA DI LORO AUMENTO 10%

1) TO MAKE MATCHING BETWEEN PROFILE AND COUNTERPROFILE PRICE INCREASE 10%

2) TO MAKE MATCHING BETWEEN TOOLS PRICE INCREASE 10%

1) PARA ELABORACIONES DE PERFILADO DOBLE Y CONTRA PERFIL, AUMENTO DEL 10%

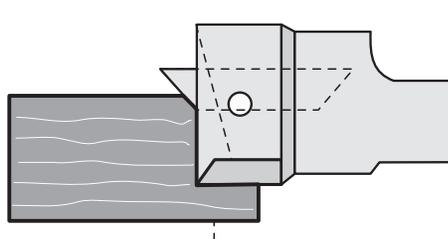
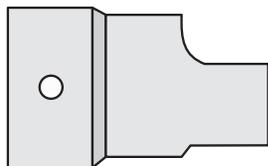
2) PARA ELABORACIONES CON FRESAS UNIDAS ENTRE ELLAS, AUMENTO DEL 10%

1) POUR LA RÉALISATION EN COUPLE PROFIL CONTRE-PROFIL AUGMENTATION DE 10%

2) POUR LA RÉALISATION DE FRAISES ACCOUPLES ENTRE ELLES

1) ДЛЯ ПАРНОЙ ОБРАБОТКИ «КОНТУР И КОНТР КОНТУР» РОСТ ЦЕНЫ В РАЗМЕРЕ 10%

2) ДЛЯ ПАРНОЙ ФРЕЗЫ ОБРАБОТКИ РОСТ ЦЕНЫ В РАЗМЕРЕ 10%



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CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AC	100	12	30/35/40/50	3
AD	100	20	30/35/40/50	3
AF	100	30	30/35/40/50	3
AH	100	40	30/35/40/50	3
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AL	100	60	30/35/40/50	3
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BF	120	30	30/35/40/50	3
BH	120	40	30/35/40/50	3
BK	120	50	30/35/40/50	3
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CF	150	30	30/35/40/50	3
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DH	180	40	30/35/40/50	3
DK	180	50	30/35/40/50	3
DL	180	60	30/35/40/50	3
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EC	220	12	30/35/40/50	3
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EF	220	30	30/35/40/50	3
EH	220	40	30/35/40/50	3
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EL	220	60	30/35/40/50	3
EM	220	80	30/35/40/50	3
FC	250	12	30/35/40/50	3
FD	250	20	30/35/40/50	3
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FH	250	40	30/35/40/50	3
FK	250	50	30/35/40/50	3
FL	250	60	30/35/40/50	3
FM	250	80	30/35/40/50	3
GC	300	12	30/35/40/50	3
GD	300	20	30/35/40/50	3
GF	300	30	30/35/40/50	3
GH	300	40	30/35/40/50	3
GL	300	50	30/35/40/50	3
GM	300	60	30/35/40/50	3
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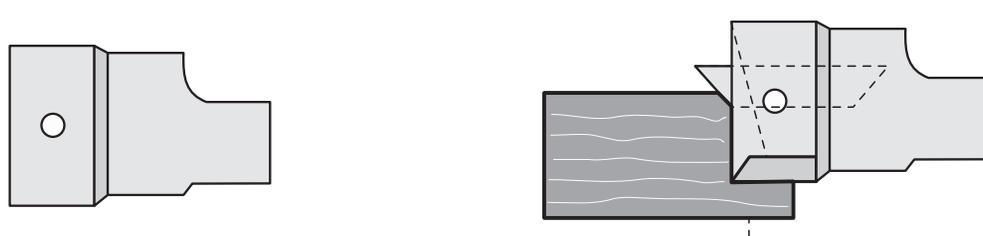
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CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AC	100	12	30/35/40/50	4
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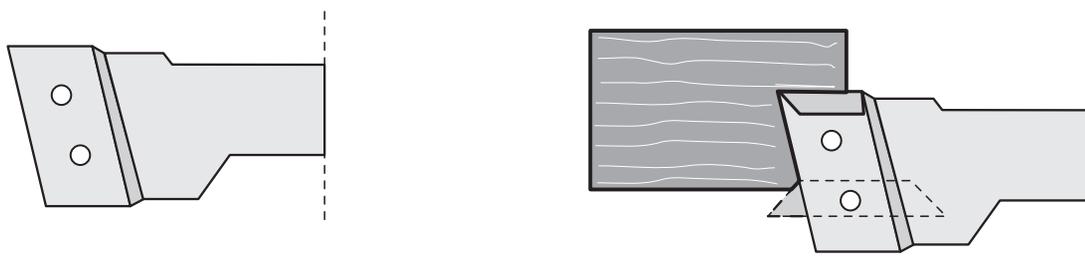
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AC	100	12	30/35/40/50	2
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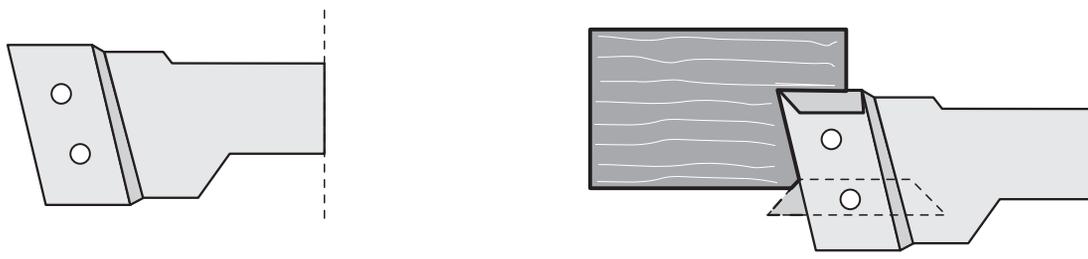
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CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AC	100	12	30/35/40/50	3
AD	100	20	30/35/40/50	3
AF	100	30	30/35/40/50	3
AH	100	40	30/35/40/50	3
AK	100	50	30/35/40/50	3
AL	100	60	30/35/40/50	3
AM	100	80	30/35/40/50	3
BC	120	12	30/35/40/50	3
BD	120	20	30/35/40/50	3
BF	120	30	30/35/40/50	3
BH	120	40	30/35/40/50	3
BK	120	50	30/35/40/50	3
BL	120	60	30/35/40/50	3
BM	120	80	30/35/40/50	3
CC	150	12	30/35/40/50	3
CD	150	20	30/35/40/50	3
CF	150	30	30/35/40/50	3
CH	150	40	30/35/40/50	3
CK	150	50	30/35/40/50	3
CL	150	60	30/35/40/50	3
CM	150	80	30/35/40/50	3
DC	180	12	30/35/40/50	3
DD	180	20	30/35/40/50	3
DF	180	30	30/35/40/50	3
DH	180	40	30/35/40/50	3
DK	180	50	30/35/40/50	3
DL	180	60	30/35/40/50	3
DM	180	80	30/35/40/50	3

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	SPESSORE THICKNESS (mm)	TAGLIENTI TEETH (n°)
EC	220	12	30/35/40/50	3
ED	220	20	30/35/40/50	3
EF	220	30	30/35/40/50	3
EH	220	40	30/35/40/50	3
EK	220	50	30/35/40/50	3
EL	220	60	30/35/40/50	3
EM	220	80	30/35/40/50	3
FC	250	12	30/35/40/50	3
FD	250	20	30/35/40/50	3
FF	250	30	30/35/40/50	3
FH	250	40	30/35/40/50	3
FK	250	50	30/35/40/50	3
FL	250	60	30/35/40/50	3
FM	250	80	30/35/40/50	3
GC	300	12	30/35/40/50	3
GD	300	20	30/35/40/50	3
GF	300	30	30/35/40/50	3
GH	300	40	30/35/40/50	3
GL	300	50	30/35/40/50	3
GM	300	60	30/35/40/50	3
GN	300	80	30/35/40/50	3

1) PER LAVORAZIONE IN COPPIA SAGOMA E CONTROSAGOMA AUMENTO 10%

2) PER LAVORAZIONE FRESE ACCOPPIATE FRA DI LORO AUMENTO 10%

1) TO MAKE MATCHING BETWEEN PROFILE AND COUNTERPROFILE PRICE INCREASE 10%

2) TO MAKE MATCHING BETWEEN TOOLS PRICE INCREASE 10%

1) PARA ELABORACIONES DE PERFILADO DOBLE Y CONTRA PERFIL, AUMENTO DEL 10%

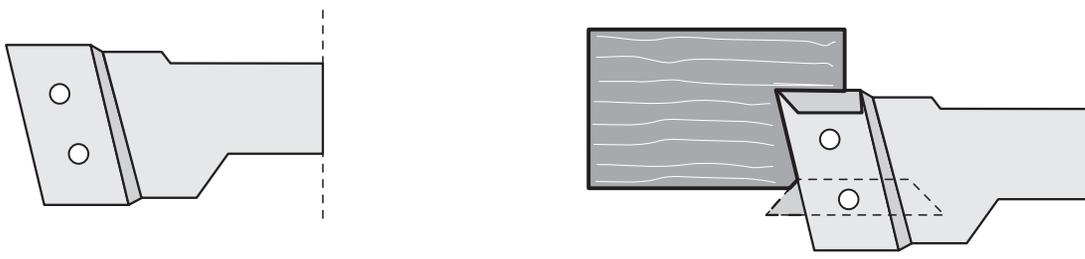
2) PARA ELABORACIONES CON FRESAS UNIDAS ENTRE ELLAS, AUMENTO DEL 10%

1) POUR LA RÉALISATION EN COUPLE PROFIL CONTRE-PROFIL AUGMENTATION DE 10%

2) POUR LA RÉALISATION DE FRAISES ACCOULÉES ENTRE ELLES

1) ДЛЯ ПАРНОЙ ОБРАБОТКИ «КОНТУР И КОНТР КОНТУР» РОСТ ЦЕНЫ В РАЗМЕРЕ 10%

2) ДЛЯ ПАРНОЙ ФРЕЗЫ ОБРАБОТКИ РОСТ ЦЕНЫ В РАЗМЕРЕ 10%



IL PREZZO FA RIFERIMENTO ALLA TESTA COMPLETA DI COLTELLI ESCLUSO RASANTI, LEVASPIGOLI E SETTORI DENTATI

PRICE REFERS TO CUTTERHEAD COMPLETE WITH KNIVES BUT WITHOUT SHAVERS, EDGE KNIVES AND TOOTHED SECTORS

EL PRECIO SE REFIERE A LOS CABEZALES INCLUIDAS LAS CUCHILLAS; NO SE INCLUYEN LOS CORTACANTOS NI LOS SECTORES DENTADOS

LE PRIX SE RÉFÈRE AU PORTE-OUTIL FOURNI DE PLAQUETTES EXCLUS LES ARASEURS, ENÈVES-ANGLES ET SECTEURS DENTELÉS

ЦЕНА С УЧЕТОМ ГОЛОВКИ С НОЖАМИ. ИСКЛЮЧЕНЫ: СТРОГАТЕЛИ, КОСЯКОУДАЛИТЕЛИ, ЗУБЬЕВЫЕ БЛОКИ



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AC	100	12	30/35/40/50	4
AD	100	20	30/35/40/50	4
AF	100	30	30/35/40/50	4
AH	100	40	30/35/40/50	4
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BL	120	60	30/35/40/50	4
BM	120	80	30/35/40/50	4
CC	150	12	30/35/40/50	4
CD	150	20	30/35/40/50	4
CF	150	30	30/35/40/50	4
CH	150	40	30/35/40/50	4
CK	150	50	30/35/40/50	4
CL	150	60	30/35/40/50	4
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DF	180	30	30/35/40/50	4
DH	180	40	30/35/40/50	4
DK	180	50	30/35/40/50	4
DL	180	60	30/35/40/50	4
DM	180	80	30/35/40/50	4

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	SPESSORE THICKNESS (mm)	TAGLIENTI TEETH (n°)
EC	220	12	30/35/40/50	4
ED	220	20	30/35/40/50	4
EF	220	30	30/35/40/50	4
EH	220	40	30/35/40/50	4
EK	220	50	30/35/40/50	4
EL	220	60	30/35/40/50	4
EM	220	80	30/35/40/50	4
FC	250	12	30/35/40/50	4
FD	250	20	30/35/40/50	4
FF	250	30	30/35/40/50	4
FH	250	40	30/35/40/50	4
FK	250	50	30/35/40/50	4
FL	250	60	30/35/40/50	4
FM	250	80	30/35/40/50	4
GC	300	12	30/35/40/50	4
GD	300	20	30/35/40/50	4
GF	300	30	30/35/40/50	4
GH	300	40	30/35/40/50	4
GL	300	50	30/35/40/50	4
GM	300	60	30/35/40/50	4
GN	300	80	30/35/40/50	4

1) PER LAVORAZIONE IN COPPIA SAGOMA E CONTROSAGOMA AUMENTO 10%

2) PER LAVORAZIONE FRESE ACCOPPIATE FRA DI LORO AUMENTO 10%

1) TO MAKE MATCHING BETWEEN PROFILE AND COUNTERPROFILE PRICE INCREASE 10%

2) TO MAKE MATCHING BETWEEN TOOLS PRICE INCREASE 10%

1) PARA ELABORACIONES DE PERFILADO DOBLE Y CONTRA PERFIL, AUMENTO DEL 10%

2) PARA ELABORACIONES CON FRESAS UNIDAS ENTRE ELLAS, AUMENTO DEL 10%

1) POUR LA RÉALISATION EN COUPLE PROFIL CONTRE-PROFIL AUGMENTATION DE 10%

2) POUR LA RÉALISATION DE FRAISES ACCOUPLES ENTRE ELLES

1) ДЛЯ ПАРНОЙ ОБРАБОТКИ «КОНТУР И КОНТР КОНТУР» РОСТ ЦЕНЫ В РАЗМЕРЕ 10%

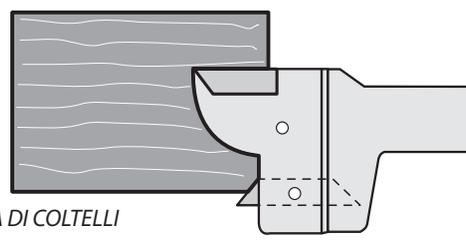
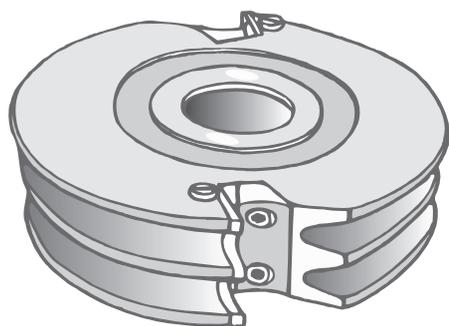
2) ДЛЯ ПАРНОЙ ФРЕЗЫ ОБРАБОТКИ РОСТ ЦЕНЫ В РАЗМЕРЕ 10%



ART.
2318

TESTE PORTACOLTELLI A PROFILO SEMPLICE E COMPLESSO
SIMPLEX AND COMPLEX PROFILE ADZE BLOCK HEADS
CABEZALES PORTACUCHILLAS PARA PERFIL SIMPLE Y COMPLEJO
PORTE-OUTILS A PROFIL SIMPLE ET COMPLEY
ГОЛОВКА С НОЖАМИ ПРОСТОГО И СЛОЖНОГО ПРОФИЛЯ

162



IL PREZZO FA RIFERIMENTO ALLA TESTA PRIVA DI COLTELLI
 PRICE REFERS TO CUTTERHEAD WITHOUT KNIVES
 EL PRECIO SE REFIERE A LOS CABEZALES SIN CUCHILLAS
 LE PRIX SE RÉFÈRE AU PORTE-OUTIL SANS LES PLAQUETTES
 ЦЕНА ГОЛОВКИ БЕЗ НОЖЕЙ

HW



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
AD	100	20	30/35/40/50	2
AE	100	25	30/35/40/50	2
AF	100	30	30/35/40/50	2
AG	100	35	30/35/40/50	2
AH	100	40	30/35/40/50	2
AI	100	45	30/35/40/50	2
AK	100	50	30/35/40/50	2
AL	100	60	30/35/40/50	2
AM	100	80	30/35/40/50	2
BD	120	20	30/35/40/50	2
BE	120	25	30/35/40/50	2
BF	120	30	30/35/40/50	2
BG	120	35	30/35/40/50	2
BH	120	40	30/35/40/50	2
BI	120	45	30/35/40/50	2
BK	120	50	30/35/40/50	2
BL	120	60	30/35/40/50	2
BM	120	80	30/35/40/50	2
CD	150	20	30/35/40/50	2
CE	150	25	30/35/40/50	2
CF	150	30	30/35/40/50	2
CG	150	35	30/35/40/50	2
CH	150	40	30/35/40/50	2
CI	150	45	30/35/40/50	2
CK	150	50	30/35/40/50	2
CL	150	60	30/35/40/50	2
CM	150	80	30/35/40/50	2
DD	180	20	30/35/40/50	2
DE	180	25	30/35/40/50	2
DF	180	30	30/35/40/50	2
DG	180	35	30/35/40/50	2
DH	180	40	30/35/40/50	2
DI	180	45	30/35/40/50	2
DK	180	50	30/35/40/50	2
DL	180	60	30/35/40/50	2
DM	180	80	30/35/40/50	2

CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIENTI TEETH (n°)
ED	220	20	30/35/40/50	2
EE	220	25	30/35/40/50	2
EF	220	30	30/35/40/50	2
EG	220	35	30/35/40/50	2
EH	220	40	30/35/40/50	2
EI	220	45	30/35/40/50	2
EK	220	50	30/35/40/50	2
EL	220	60	30/35/40/50	2
EM	220	80	30/35/40/50	2
FD	260	20	30/35/40/50	2
FE	260	25	30/35/40/50	2
FF	260	30	30/35/40/50	2
FG	260	35	30/35/40/50	2
FH	260	40	30/35/40/50	2
FI	260	45	30/35/40/50	2
FK	260	50	30/35/40/50	2
FL	260	60	30/35/40/50	2
FM	260	80	30/35/40/50	2
GD	300	20	30/35/40/50	2
GE	300	25	30/35/40/50	2
GF	300	30	30/35/40/50	2
GG	300	35	30/35/40/50	2
GH	300	40	30/35/40/50	2
GI	300	45	30/35/40/50	2
GL	300	50	30/35/40/50	2
GM	300	60	30/35/40/50	2
GN	300	80	30/35/40/50	2

1) PER LAVORAZIONE IN COPPIA SAGOMA E CONTROSAGOMA AUMENTO 10%

2) PER LAVORAZIONE FRESE ACCOPPIATE FRA DI LORO AUMENTO 10%

1) TO MAKE MATCHING BETWEEN PROFILE AND COUNTERPROFILE PRICE INCREASE 10%

2) TO MAKE MATCHING BETWEEN TOOLS PRICE INCREASE 10%

1) PARA ELABORACIONES DE PERFILADO DOBLE Y CONTRA PERFIL, AUMENTO DEL 10%

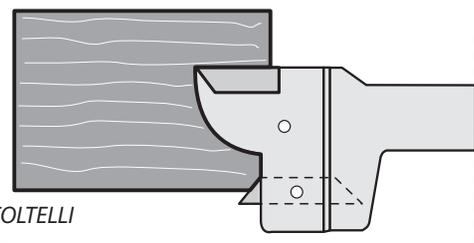
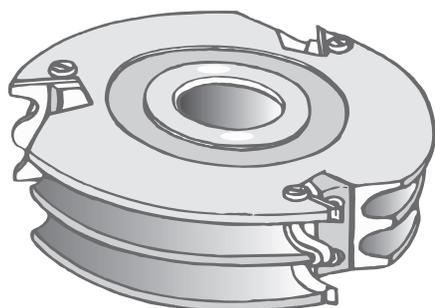
2) PARA ELABORACIONES CON FRESAS UNIDAS ENTRE ELLAS, AUMENTO DEL 10%

1) POUR LA RÉALISATION EN COUPLE PROFIL CONTRE-PROFIL AUGMENTATION DE 10%

2) POUR LA RÉALISATION DE FRAISES ACCOUPLES ENTRE ELLES

1) ДЛЯ ПАРНОЙ ОБРАБОТКИ «КОНТУР И КОНТР КОНТУР» РОСТ ЦЕНЫ В РАЗМЕРЕ 10%

2) ДЛЯ ПАРНОЙ ФРЕЗЫ ОБРАБОТКИ РОСТ ЦЕНЫ В РАЗМЕРЕ 10%



IL PREZZO FA RIFERIMENTO ALLA TESTA PRIVA DI COLTELLI
PRICE REFERS TO CUTTERHEAD WITHOUT KNIVES
EL PRECIO SE REFIERE A LOS CABEZALES SIN CUCHILLAS
LE PRIX SE RÉFÈRE AU PORTE-OUTIL SANS LES PLAQUETTES
ЦЕНА ГОЛОВКИ БЕЗ НОЖЕЙ



CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
AD	100	20	30/35/40/50	3
AE	100	25	30/35/40/50	3
AF	100	30	30/35/40/50	3
AG	100	35	30/35/40/50	3
AH	100	40	30/35/40/50	3
AI	100	45	30/35/40/50	3
AK	100	50	30/35/40/50	3
AL	100	60	30/35/40/50	3
AM	100	80	30/35/40/50	3
BD	120	20	30/35/40/50	3
BE	120	25	30/35/40/50	3
BF	120	30	30/35/40/50	3
BG	120	35	30/35/40/50	3
BH	120	40	30/35/40/50	3
BI	120	45	30/35/40/50	3
BK	120	50	30/35/40/50	3
BL	120	60	30/35/40/50	3
BM	120	80	30/35/40/50	3
CD	150	20	30/35/40/50	3
CE	150	25	30/35/40/50	3
CF	150	30	30/35/40/50	3
CG	150	35	30/35/40/50	3
CH	150	40	30/35/40/50	3
CI	150	45	30/35/40/50	3
CK	150	50	30/35/40/50	3
CL	150	60	30/35/40/50	3
CM	150	80	30/35/40/50	3
DD	180	20	30/35/40/50	3
DE	180	25	30/35/40/50	3
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DG	180	35	30/35/40/50	3
DH	180	40	30/35/40/50	3
DI	180	45	30/35/40/50	3
DK	180	50	30/35/40/50	3
DL	180	60	30/35/40/50	3
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EE	220	25	30/35/40/50	3
EF	220	30	30/35/40/50	3
EG	220	35	30/35/40/50	3
EH	220	40	30/35/40/50	3
EI	220	45	30/35/40/50	3
EK	220	50	30/35/40/50	3
EL	220	60	30/35/40/50	3
EM	220	80	30/35/40/50	3
FD	260	20	30/35/40/50	3
FE	260	25	30/35/40/50	3
FF	260	30	30/35/40/50	3
FG	260	35	30/35/40/50	3
FH	260	40	30/35/40/50	3
FI	260	45	30/35/40/50	3
FK	260	50	30/35/40/50	3
FL	260	60	30/35/40/50	3
FM	260	80	30/35/40/50	3
GD	300	20	30/35/40/50	3
GE	300	25	30/35/40/50	3
GF	300	30	30/35/40/50	3
GG	300	35	30/35/40/50	3
GH	300	40	30/35/40/50	3
GI	300	45	30/35/40/50	3
GL	300	50	30/35/40/50	3
GM	300	60	30/35/40/50	3
GN	300	80	30/35/40/50	3

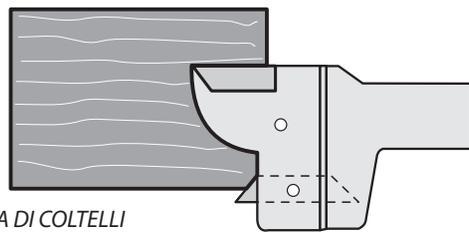
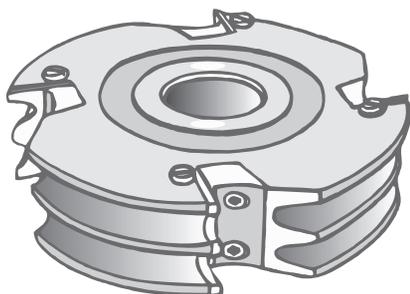
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ЦЕНА ГОЛОВКИ БЕЗ НОЖЕЙ

HW


CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	FORO BORE (mm)	TAGLIANTI TEETH (n°)
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BG	120	35	30/35/40/50	4
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DL	180	60	30/35/40/50	4
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EG	220	35	30/35/40/50	4
EH	220	40	30/35/40/50	4
EI	220	45	30/35/40/50	4
EK	220	50	30/35/40/50	4
EL	220	60	30/35/40/50	4
EM	220	80	30/35/40/50	4
FD	260	20	30/35/40/50	4
FE	260	25	30/35/40/50	4
FF	260	30	30/35/40/50	4
FG	260	35	30/35/40/50	4
FH	260	40	30/35/40/50	4
FI	260	45	30/35/40/50	4
FK	260	50	30/35/40/50	4
FL	260	60	30/35/40/50	4
FM	260	80	30/35/40/50	4
GD	300	20	30/35/40/50	4
GE	300	25	30/35/40/50	4
GF	300	30	30/35/40/50	4
GG	300	35	30/35/40/50	4
GH	300	40	30/35/40/50	4
GI	300	45	30/35/40/50	4
GL	300	50	30/35/40/50	4
GM	300	60	30/35/40/50	4
GN	300	80	30/35/40/50	4

1) PER LAVORAZIONE IN COPPIA SAGOMA E CONTROSAGOMA AUMENTO 10%

2) PER LAVORAZIONE FRESE ACCOPPIATE FRA DI LORO AUMENTO 10%

1) TO MAKE MATCHING BETWEEN PROFILE AND COUNTERPROFILE PRICE INCREASE 10%

2) TO MAKE MATCHING BETWEEN TOOLS PRICE INCREASE 10%

1) PARA ELABORACIONES DE PERFILADO DOBLE Y CONTRA PERFIL, AUMENTO DEL 10%

2) PARA ELABORACIONES CON FRESAS UNIDAS ENTRE ELLAS, AUMENTO DEL 10%

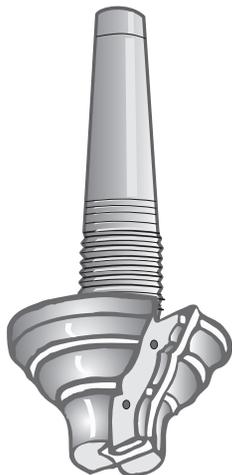
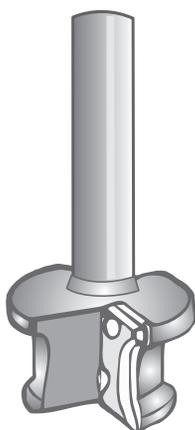
1) POUR LA RÉALISATION EN COUPLE PROFIL CONTRE-PROFIL AUGMENTATION DE 10%

2) POUR LA RÉALISATION DE FRAISES ACCOUPPLÉES ENTRE ELLES

1) ДЛЯ ПАРНОЙ ОБРАБОТКИ «КОНТУР И КОНТР КОНТУР» РОСТ ЦЕНЫ В РАЗМЕРЕ 10%

2) ДЛЯ ПАРНОЙ ФРЕЗЫ ОБРАБОТКИ РОСТ ЦЕНЫ В РАЗМЕРЕ 10%

IL PREZZO FA RIFERIMENTO ALLA TESTA PRIVA DI COLTELLI
PRICE REFERS TO CUTTERHEAD WITHOUT KNIVES
EL PRECIO SE REFIERE A LOS CABEZALES SIN CUCHILLAS
LE PRIX SE RÉFÈRE AU PORTE-OUTIL SANS LES PLAQUETTES
ЦЕНА ГОЛОВКИ БЕЗ НОЖЕЙ


HW


CODICE CODE	DIAMETRO DIAMETER (mm)	SPESSORE THICKNESS (mm)	TAGLIENTI TEETH (n°)
AA	60	20	2
AB	80	20	2
AC	100	20	2
AD	120	20	2
BA	60	25	2
BB	80	25	2
BC	100	25	2
BD	120	25	2
CA	60	30	2
CB	80	30	2
CC	100	30	2
CD	120	30	2
DA	60	35	2
DB	80	35	2
DC	100	35	2
DD	120	35	2
EA	60	40	2
EB	80	40	2
EC	100	40	2
ED	120	40	2
FA	60	50	2
FB	80	50	2
FC	100	50	2
FD	120	50	2
GA	60	60	2
GB	80	60	2
GC	100	60	2
GD	120	60	2
HA	60	80	2
HB	80	80	2
HC	100	80	2
HD	120	80	2

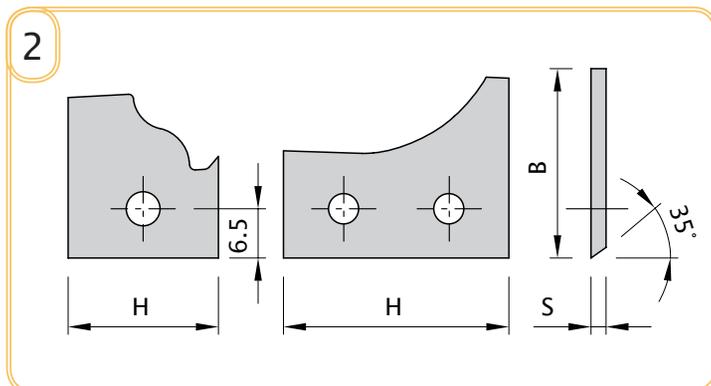
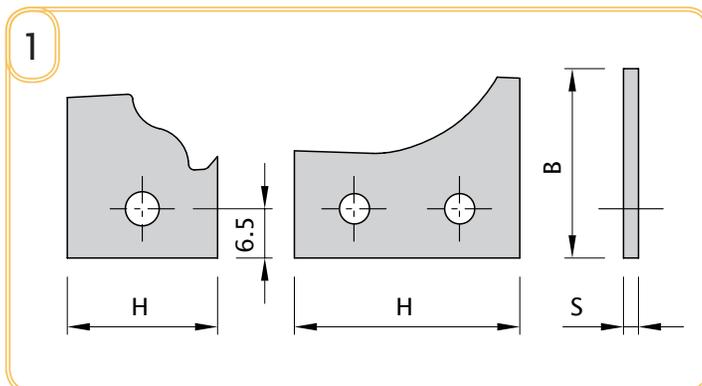
1) PER LAVORAZIONE IN COPPIA SAGOMA E CONTROSAGOMA AUMENTO 10%
2) PER LAVORAZIONE FRESE ACCOPPIATE FRA DI LORO AUMENTO 10%

1) TO MAKE MATCHING BETWEEN PROFILE AND COUNTERPROFILE PRICE INCREASE 10%
2) TO MAKE MATCHING BETWEEN TOOLS PRICE INCREASE 10%

1) PARA ELABORACIONES DE PERFILADO DOBLE Y CONTRA PERFIL, AUMENTO DEL 10%
2) PARA ELABORACIONES CON FRESAS UNIDAS ENTRE ELLAS, AUMENTO DEL 10%

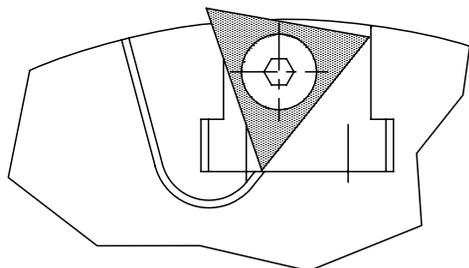
1) POUR LA RÉALISATION EN COUPLE PROFIL CONTRE-PROFIL AUGMENTATION DE 10%
2) POUR LA RÉALISATION DE FRAISES ACCOUPPLÉES ENTRE ELLES

1) ДЛЯ ПАРНОЙ ОБРАБОТКИ «КОНТУР И КОНТР КОНТУР» РОСТ ЦЕНЫ В РАЗМЕРЕ 10%
2) ДЛЯ ПАРНОЙ ФРЕЗЫ ОБРАБОТКИ РОСТ ЦЕНЫ В РАЗМЕРЕ 10%



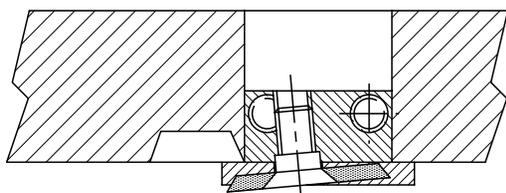
HW	COD 1	B (mm)	H (mm)	S (mm)
	AA	20	20	2
	AB	20	25	2
	AC	20	30	2
	AD	20	35	2
	BA	25	20	2
	BB	25	25	2
	BC	25	30	2
	BD	25	35	2
	CA	30	20	2
	CB	30	25	2
	CC	30	30	2
	CD	30	35	2
	CE	30	40	2
	DA	35	20	2
	DB	35	25	2
	DC	35	30	2
	DD	35	35	2
	DE	35	40	2
	EA	40	20	2
	EB	40	25	2
	EC	40	30	2
	ED	40	35	2
	EE	40	40	2
	FA	50	20	2
	FB	50	25	2
	FC	50	30	2
	FD	50	35	2
	FE	50	40	2
	GA	60	20	2
	GB	60	25	2
	GC	60	30	2
	GD	60	35	2
	GE	60	40	2
	HA	80	20	2
	HB	80	25	2
	HC	80	30	2
	HD	80	35	2
	HE	80	40	2

HW	COD 2	B (mm)	H (mm)	S (mm)
	IA	20	20	2
	IB	20	25	2
	IC	20	30	2
	ID	20	35	2
	LA	25	20	2
	LB	25	25	2
	LC	25	30	2
	LD	25	35	2
	MA	30	20	2
	MB	30	25	2
	MC	30	30	2
	MD	30	35	2
	ME	30	40	2
	NA	35	20	2
	NB	35	25	2
	NC	35	30	2
	ND	35	35	2
	NE	35	40	2
	OA	40	20	2
	OB	40	25	2
	OC	40	30	2
	OD	40	35	2
	OE	40	40	2
	PA	50	20	2
	PB	50	25	2
	PC	50	30	2
	PD	50	35	2
	PE	50	40	2
	QA	60	20	2
	QB	60	25	2
	QC	60	30	2
	QD	60	35	2
	QE	60	40	2
	RA	80	20	2
	RB	80	25	2
	RC	80	30	2
	RD	80	35	2
	RE	80	40	2



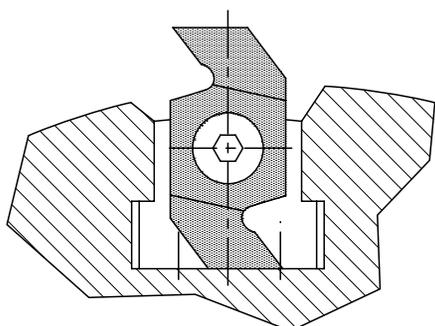
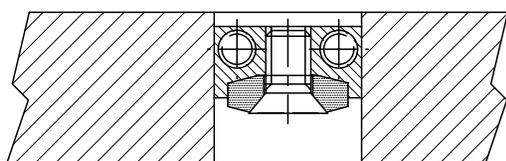
CODICE
CODE
SRI-AA

- SEDI COMPLETE DI CARRELLO PER RASANTI QUADRANGOLARI TRIANGOLARI E RAGGIATI SENZA RASANTE
- SEATS COMPLETE WITH CARRIAGE FOR QUADRANGULAR, TRIANGULAR AND RADIUS SHIVERS WITHOUT SHIVER
- ALOJAMENTOS QUE INCLUYEN EL CARRO PARA LOS CORTACANTOS CUADRADOS, TRIANGULARES Y DE RADIO SIN CORTACANTOS
- RAINURE FOURNIE DE CHARIOT POUR ARASEURS QUADRANGULAIRES TRIANGULAIRES ET RADIÉS SANS ARASEURS
- УЗЕЛ ДЛЯ 4-Х УГОЛЬНЫХ СТРОГАТЕЛЕЙ БЕЗ ПОДРЕЗАТЕЛЕЙ
 УЗЕЛ ДЛЯ 3-Х УГОЛЬНЫХ СТРОГАТЕЛЕЙ БЕЗ ПОДРЕЗАТЕЛЕЙ



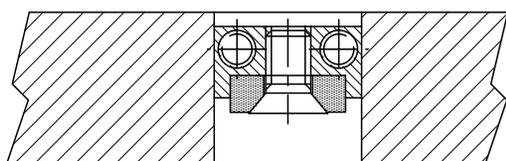
CODICE
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SRR-AA

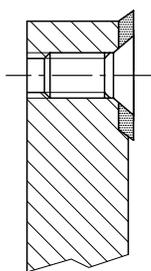
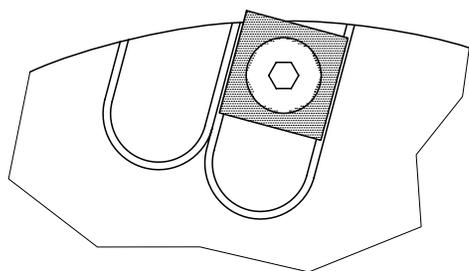
- SEDI COMPLETE DI CARRELLO PER SPIGOLATORI E RAGGIATORI SENZA SPIGOLATORE E RAGGIATORE
- SEATS COMPLETE WITH CARRIAGE FOR EDGE AND RADIUS KNIVES WITHOUT EDGE AND RADIUS KNIVES
- ALOJAMENTOS QUE INCLUYEN EL CARRO PARA LOS ESPIGADORES Y DE RADIO SIN CORTACANTOS Y DE RADIO
- RAINURE FOURNIE DE CHARIOT POUR FAIRE DAE ARÊTES ET DES RAYONS SANS ARÊTE ET RAYON
- УЗЛЫ ДЛЯ РАДИУСНОГО КРОМОЧНОГО ИНСТРУМЕНТА БЕЗ КРОМКОУДАЛИТЕЛЯ УЗЛЫ ДЛЯ ВОДОЗАЩИЩАЮЩИХ ВСТАВОК БЕЗ ВСТАВОК



CODICE
CODE
SRD-AA

- SEDI COMPLETE DI CARRELLO PER SETTORI DENTATI SENZA SETTORE
- SEATS COMPLETE WITH CARRIAGE FOR TOOTHED SECTORS WITHOUT SECTORS
- ALOJAMENTOS QUE INCLUYEN EL CARRO PARA LOS SECTORES DENTADOS SIN SECTOR
- RAINURE FOURNIE DE CHARIOT POUR SECTEURS DENTÉS SANS SECTEUR
- УЗЛЫ ДЛЯ ЗУБЧАТЫХ ОТСÉКОВ БЕЗ ЗУБЧАТЫХ ОТСÉКОВ

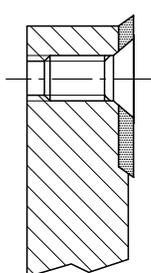
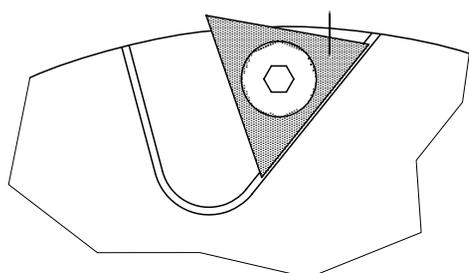




CODICE
CODE

SIP-AA

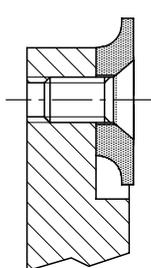
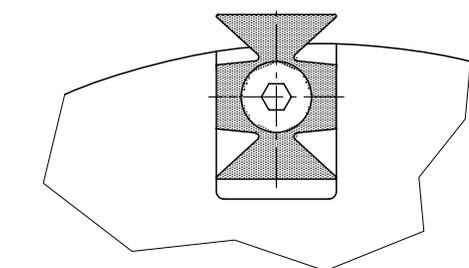
- SEDI PER RASANTI QUADRANGOLARI SENZA INCISORI QUADRANGOLARI
- SEATS FOR QUADRANGULAR SHIVERS WITHOUT SHIVER
- ALOJAMENTOS PARA LOS CORTACANTOS CUADRADOS SIN CORTACANTOS
- RAINURE POUR ARASEURS QUADRANGULAIRES SANS ARASEURS
- УЗЕЛ ДЛЯ 4-Х УГОЛЬНЫХ СТРОГАТЕЛЕЙ БЕЗ 4-Х УГОЛЬНЫХ ПОДРЕЗАТЕЛЕЙ



CODICE
CODE

SIT-AA

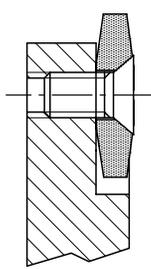
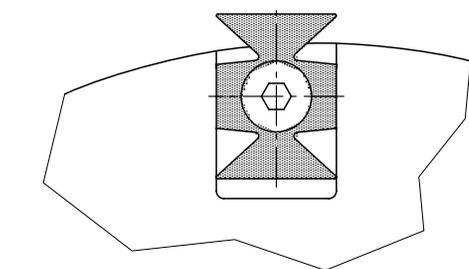
- SEDI PER RASANTI TRIANGOLARI SENZA INCISORI TRIANGOLARI
- SEATS FOR TRIANGULAR SHIVERS WITHOUT SHIVER
- ALOJAMENTOS PARA LOS CORTACANTOS TRIANGULARES SIN CORTACANTOS
- RAINURE POUR ARASEURS TRIANGULAIRES SANS ARASEURS
- УЗЕЛ ДЛЯ 3-Х УГОЛЬНЫХ СТРОГАТЕЛЕЙ БЕЗ 3-Х УГОЛЬНЫХ ПОДРЕЗАТЕЛЕЙ



CODICE
CODE

SSI-AA

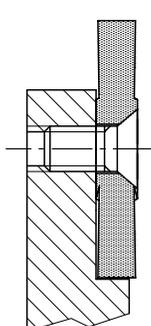
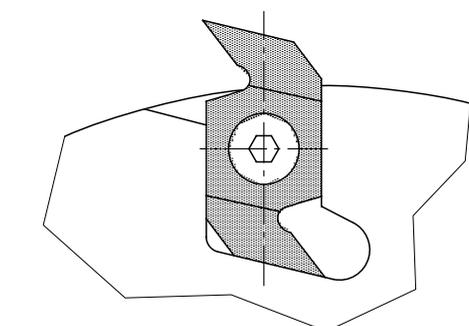
- SEDI PER SPIGOLATORI E RAGGIATORI SENZA LEVASPIGOLI
- SEATS FOR EDGE AND RADIUS KNIVES WITHOUT EDGE AND RADIUS KNIVES
- ALOJAMENTOS PARA LOS ESPIGADORES Y DE RADIO SIN CORTACANTOS Y DE RADIO
- RAINURE POUR FAIRE DAE ARÊTES ET DES RAYONS SANS ARÊTE ET RAYON
- УЗЛЫ ДЛЯ РАДИУСНОГО КРОМОЧНОГО СТАНКА БЕЗ КРОМКОУДАЛИТЕЛЯ



CODICE
CODE

SDR

- SEDI PER INSERTI ROMPIGOCCIA SENZA INSERTI ROMPIGOCCIA
- SEATS FOR TOOTHED SECTORS WITHOUT SECTORS
- ALOJAMENTOS PARA LOS SECTORES DENTADOS SIN SECTOR
- RAINURE POUR SECTEURS DENTÉS SANS SECTEUR
- УЗЛЫ ДЛЯ ВОДОЗАЩИЩАЮЩИХ ВСТАВОК БЕЗ ВСТАВОК



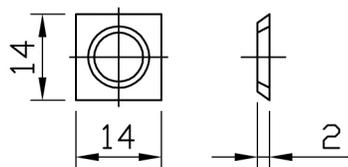
CODICE
CODE

SDI

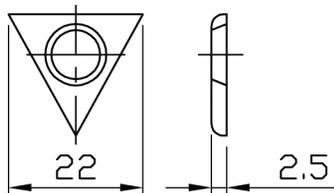
- SEDI PER SETTORI DENTATI SENZA SETTORI DENTATI
- SEATS FOR TOOTHED SECTORS WITHOUT SECTORS
- ALOJAMENTOS PARA LOS SECTORES DENTADOS SIN SECTOR
- RAINURE POUR SECTEURS DENTÉS SANS SECTEUR
- УЗЛЫ ДЛЯ ЗУБЧАТЫХ ОТДЕЛОВ БЕЗ ЗУБЧАТЫХ ОТДЕЛОВ



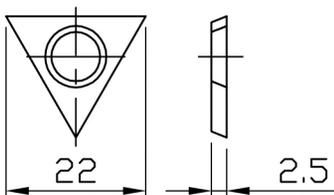
RASANTI IN HM INTEGRALE A GETTARE
HM INTEGRAL SHAVERS
CORTACANTOS EN HM INTEGRAL DESECHABLE
RACLOIRS INTERCHANGEABLE À CARBURE
СТРОГАТЕЛИ HM СО СМЕННЫМИ НОЖАМИ



CODICE CODE	DIMENSIONI DIMENSIONS (mm)
943AA	14 x 14 x 2



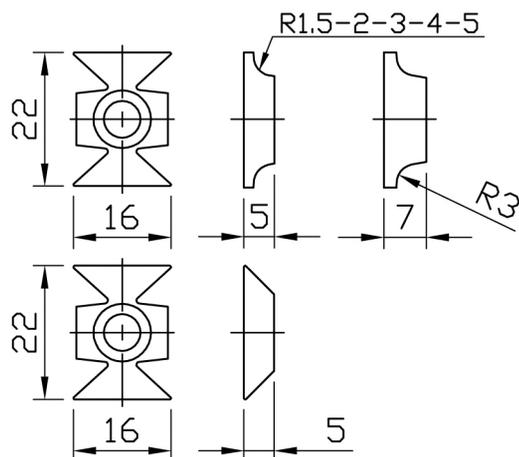
CODICE CODE	DIMENSIONI DIMENSIONS (mm)
943CA	22 x 22 x 2,5 x R.1



CODICE CODE	DIMENSIONI DIMENSIONS (mm)
943DA	22,9 x 22 x 2,5



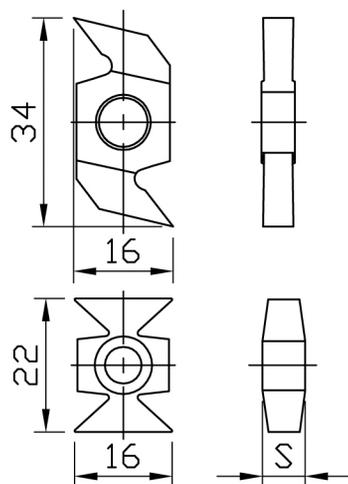
INSERTI LEVASPIGOLI IN HM INTEGRALE A GETTARE
INTEGRAL HM EDGEREMOVER INSERTS
APLICACIONES CORTACANTOS EN HM INTEGRAL
ELEMÉNTS POUR CHANFREINER ET ARRONDIR INTERCHANGEABLE À CARBURE
ВСТАВКИ HM СО СМЕННЫМИ НОЖАМИ



CODICE CODE	DIMENSIONI DIMENSIONS (mm)
908S-1	22 x 16 x 5 x R.1,5
908S-2	22 x 16 x 5 x R.2
908S-3	22 x 16 x 5 x R.3
908S-4	22 x 16 x 5 x R.4
908S-5	22 x 16 x 5 x R.5
908S-6	22 x 16 x 5 x 45°
908S-7	22 x 16 x 7

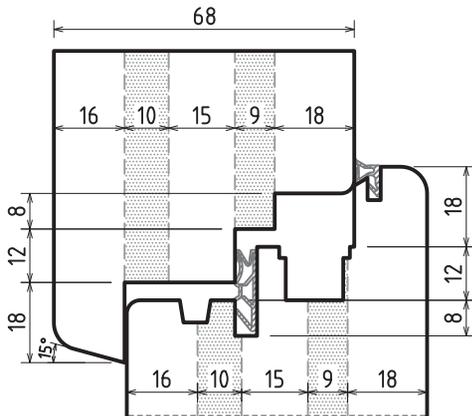


SETTORI DENTATI IN HM INTEGRALE
INTEGRAL HM TOOTHED SECTORS
SECTORES CORTACANTOS EN HM INTEGRAL
RACLOIRS INTERCHANGEABLE À CARBURE
БЛОКОВ С ЗУБЬЯМИ HM

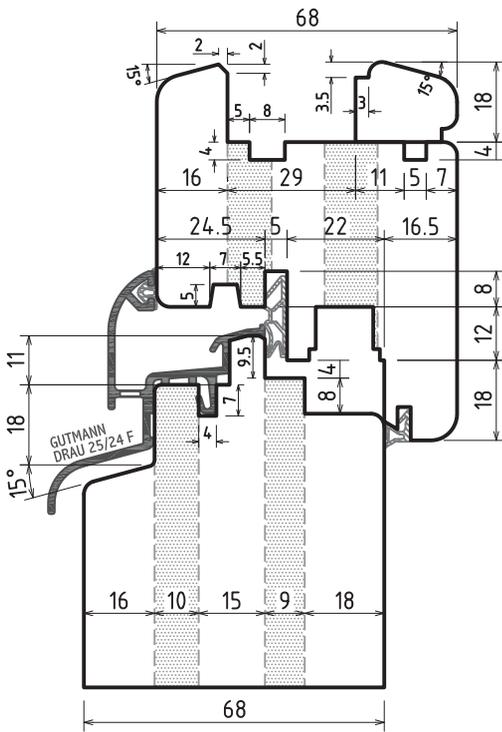


CODICE CODE	DIMENSIONI DIMENSIONS (mm)
908I-3	34 x 16 x 3
908I-4	34 x 16 x 4
908I-5	34 x 16 x 5
908I-6	34 x 16 x 6

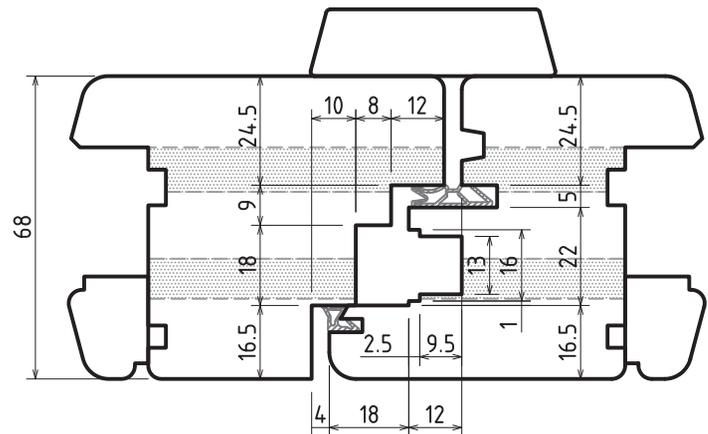
CODICE CODE	DIMENSIONI DIMENSIONS (mm)
908RG-2	25 x 16 x 7



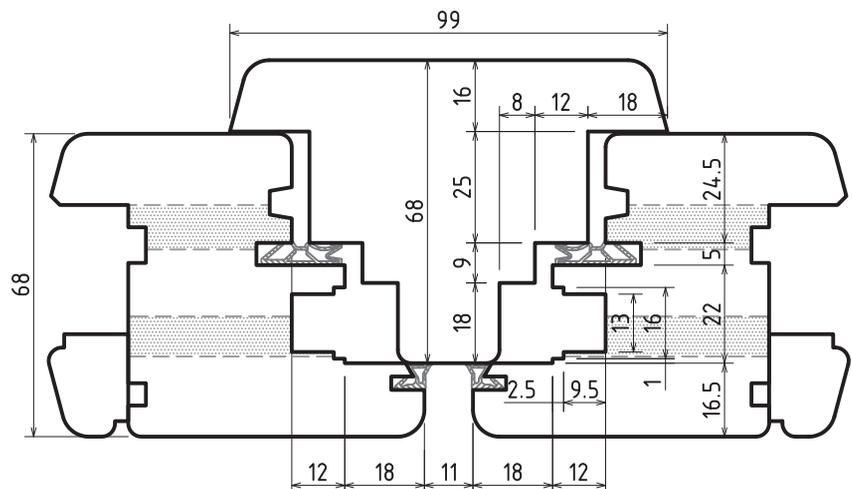
SEZIONE VERTICALE
VERTICAL SECTION

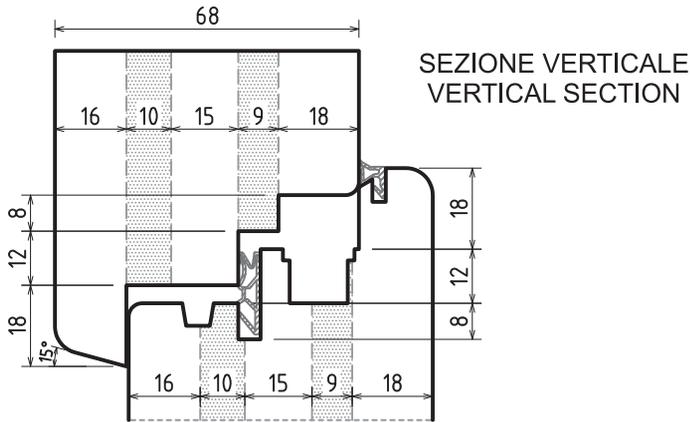


SEZIONE ORIZZONTALE CHIUSURA CENTRALE
HORIZONTAL SECTION CENTRAL CLOSURE

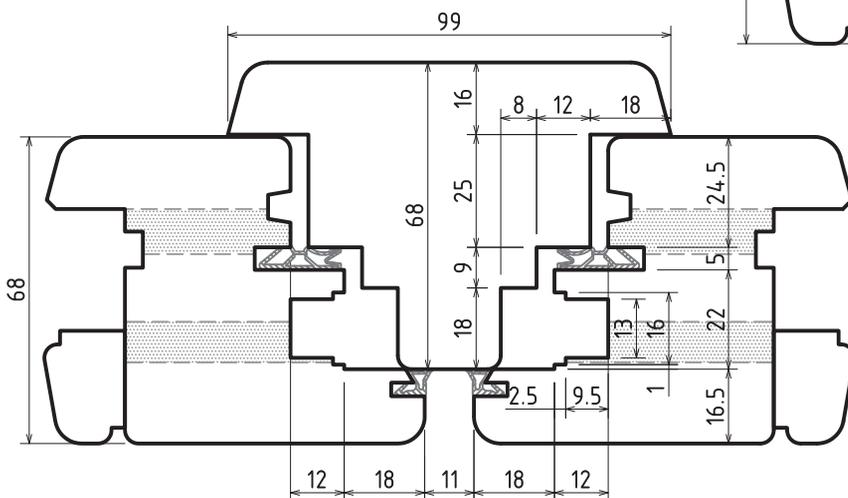
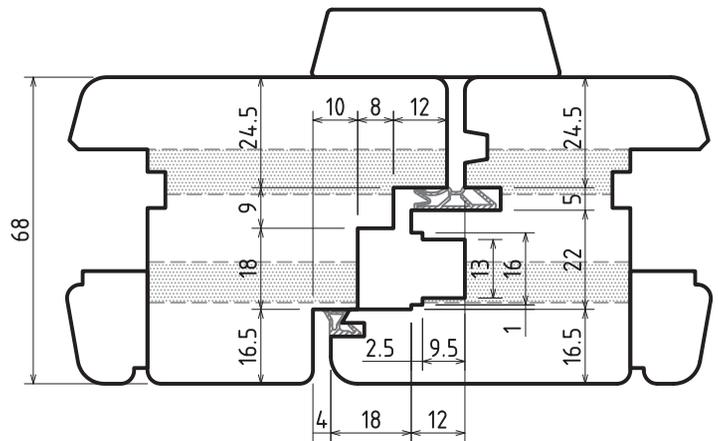
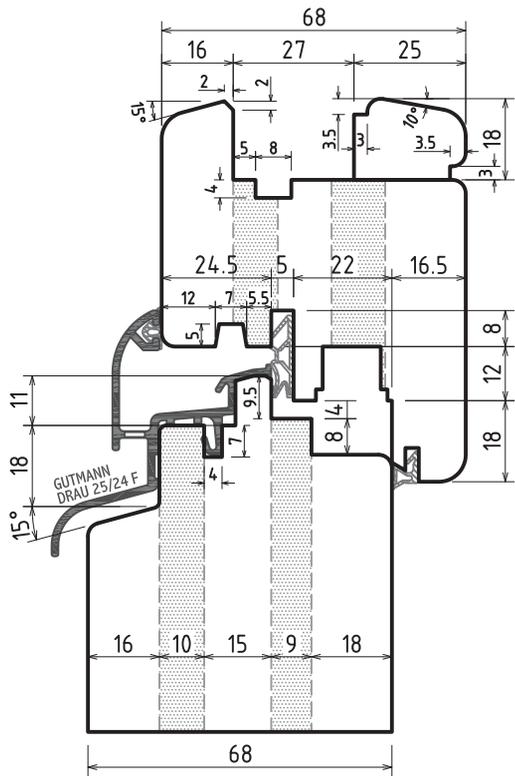
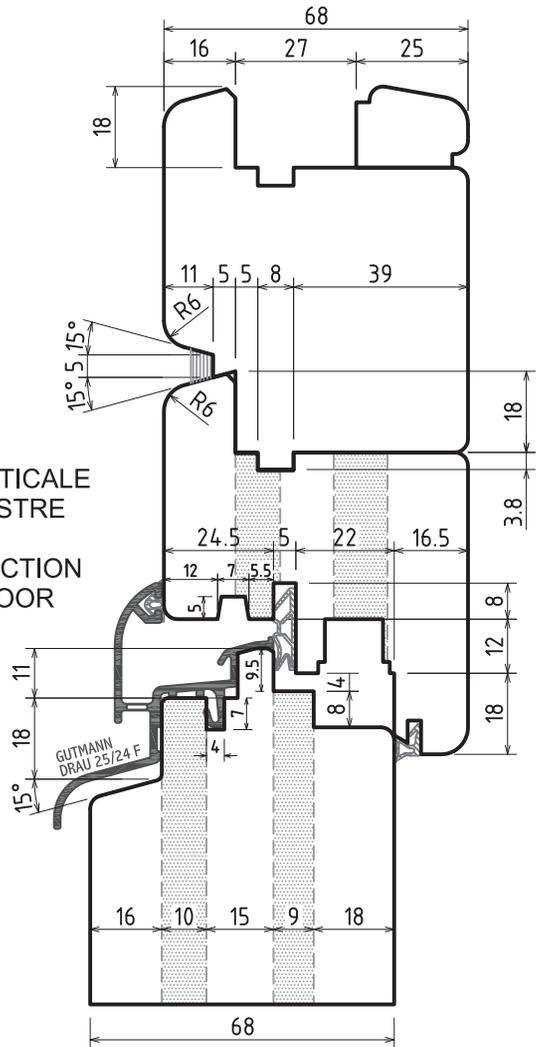


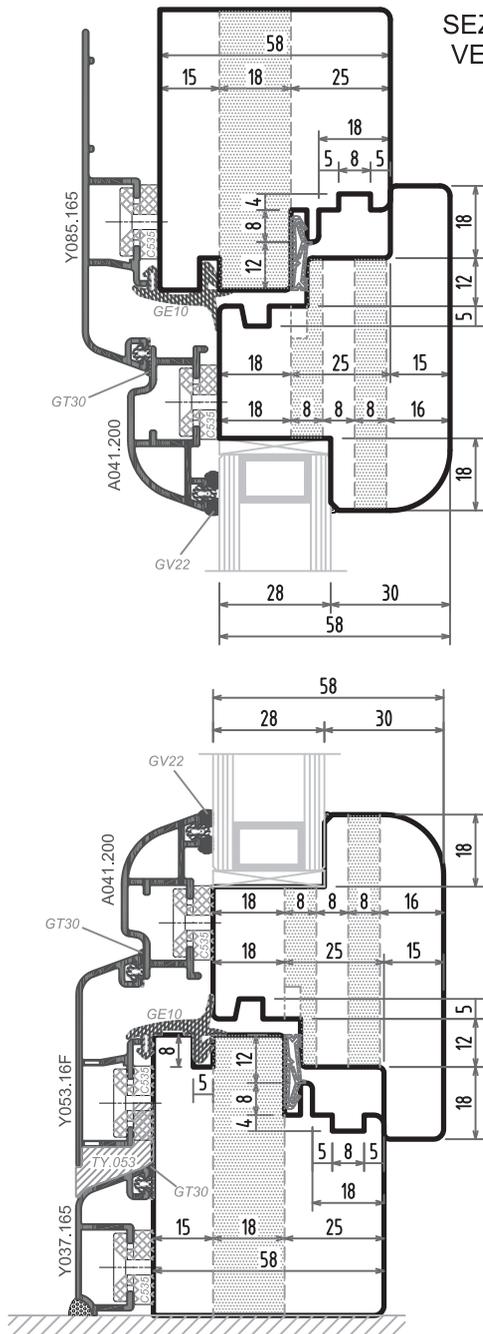
MONTANTINO INTERMEDIO TELAIO
MULLION





SEZIONE VERTICALE
PORTAFINESTRE
VERTICAL SECTION
FRENCH DOOR

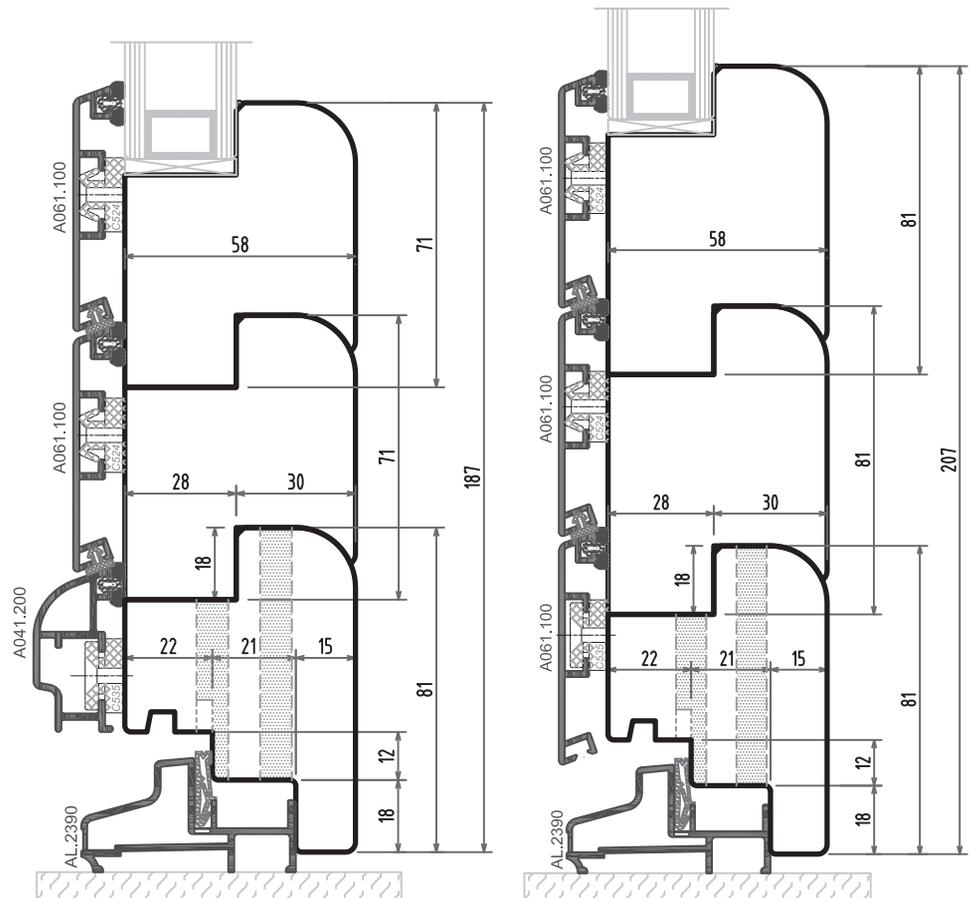




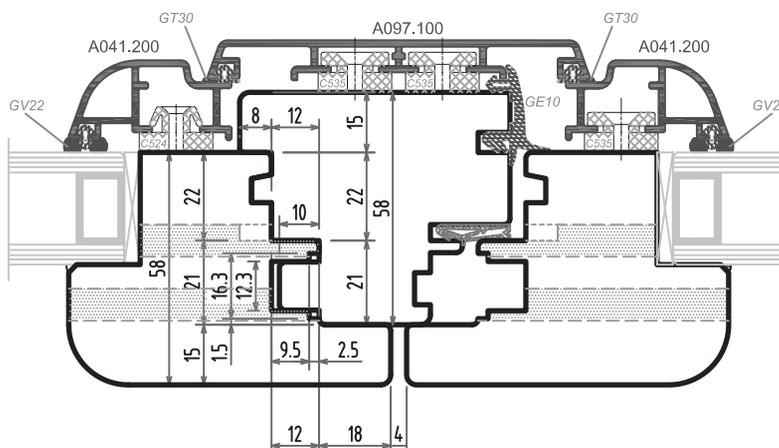
SEZIONE VERTICALE
VERTICAL SECTION

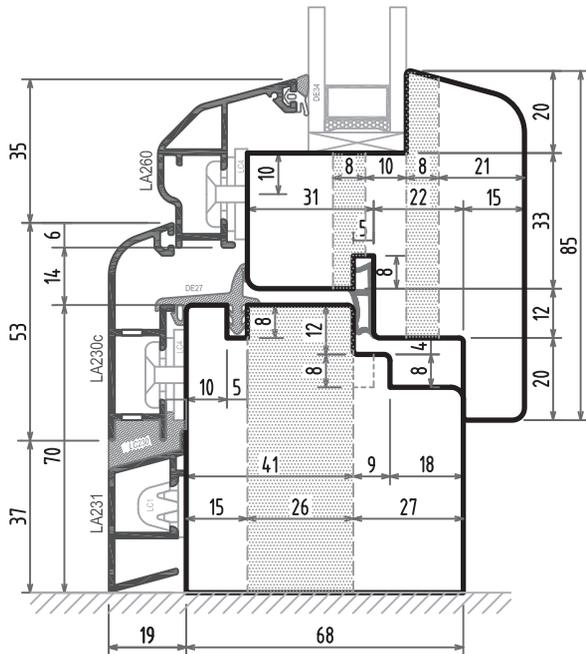
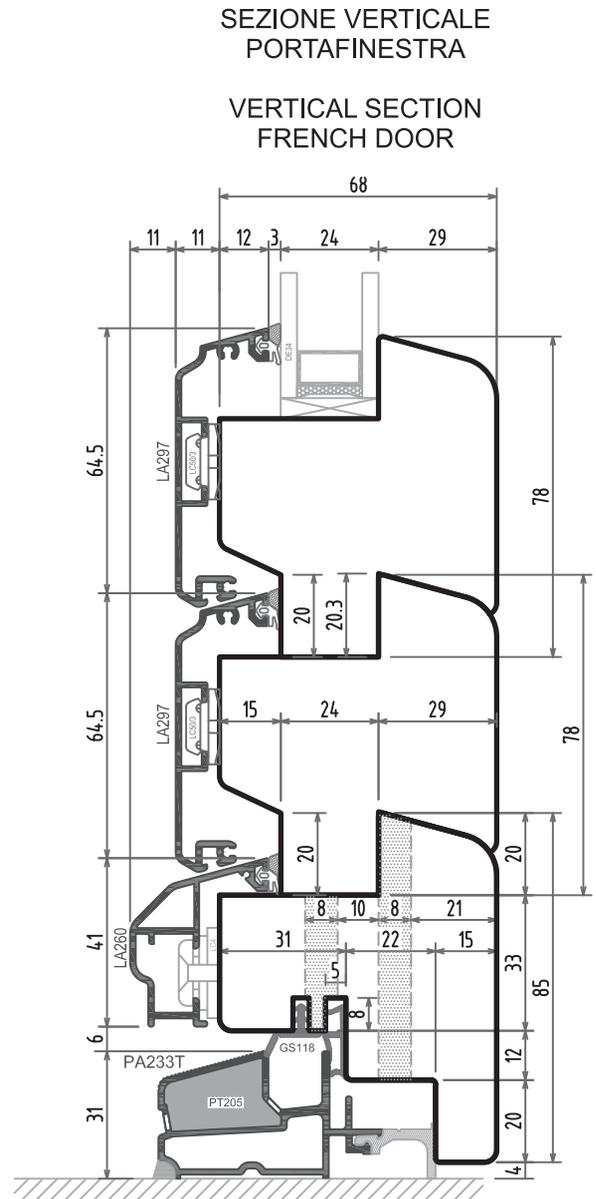
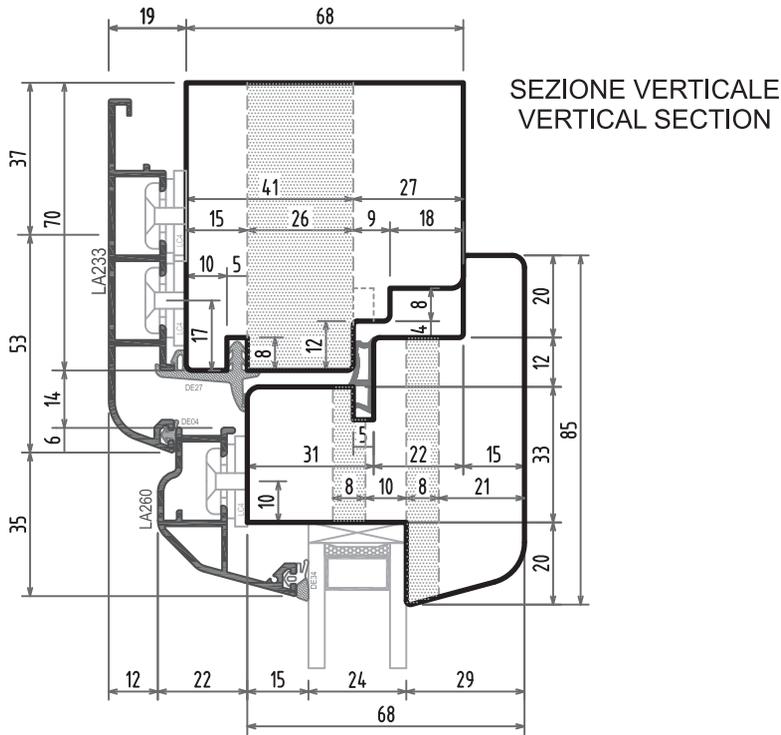
SEZIONE VERTICALE
PORTAFINESTRA

VERTICAL SECTION
FRENCH DOOR

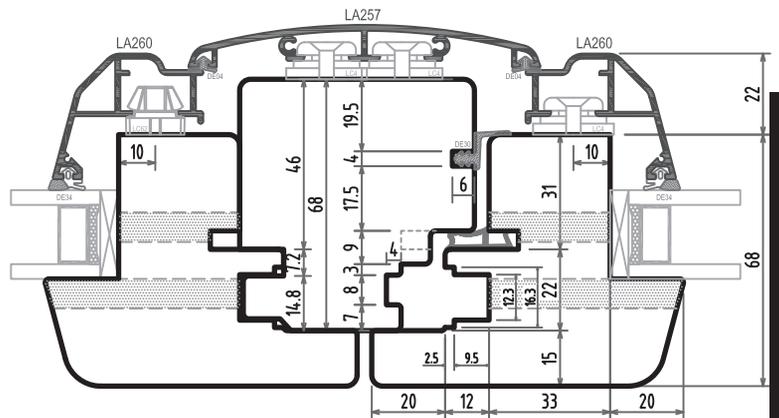


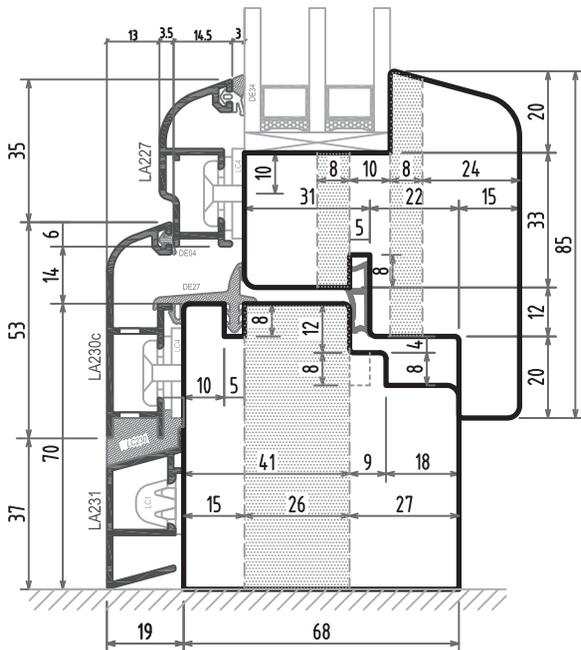
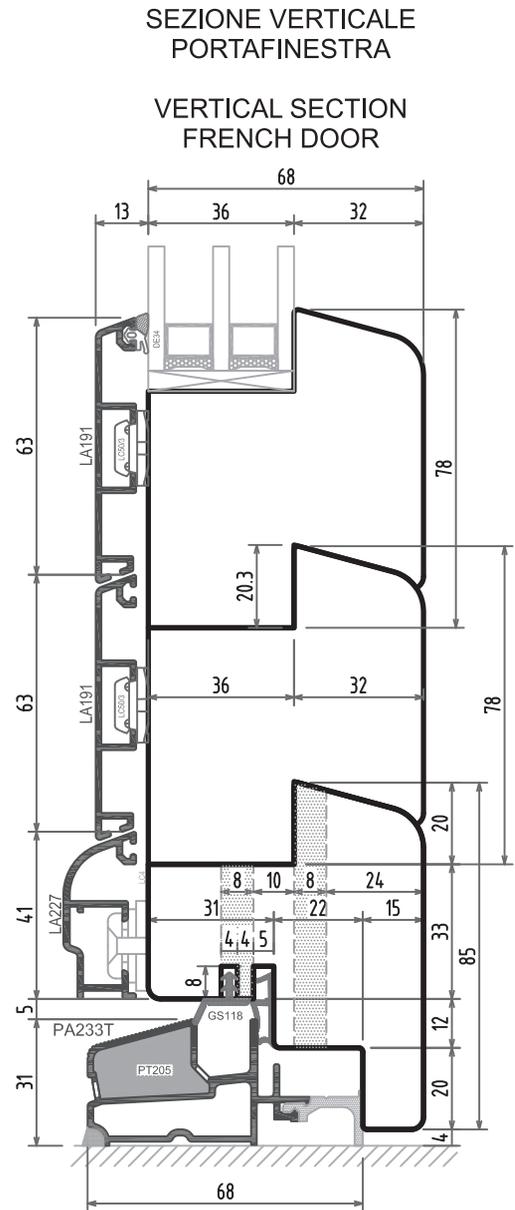
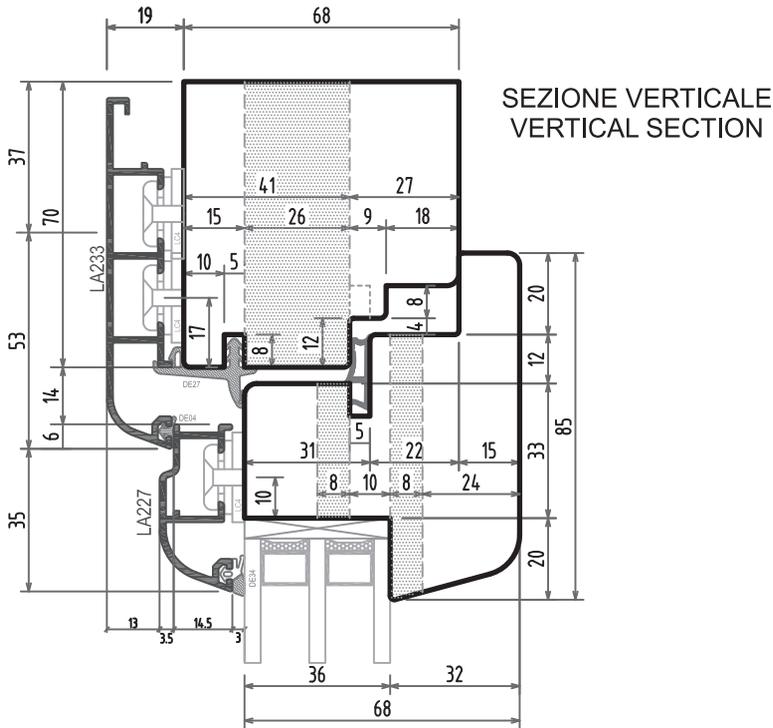
SEZIONE ORIZZONTALE CHIUSURA CENTRALE MONTANTINO AGGIUNTIVO
HORIZONTAL SECTION CENTRAL CLOSURE ADDITIONAL JAMB





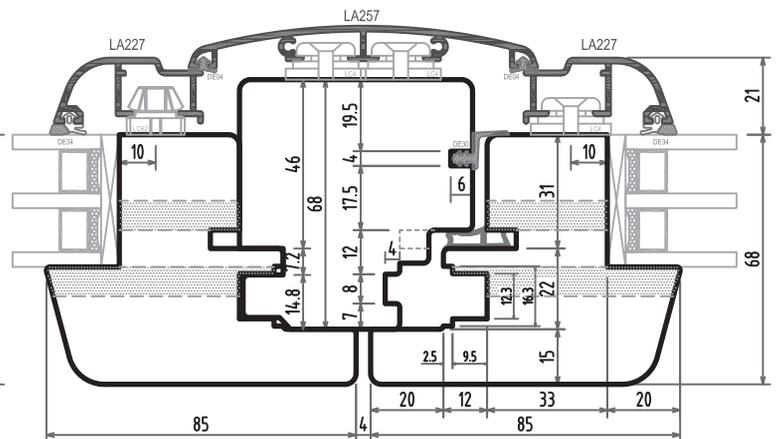
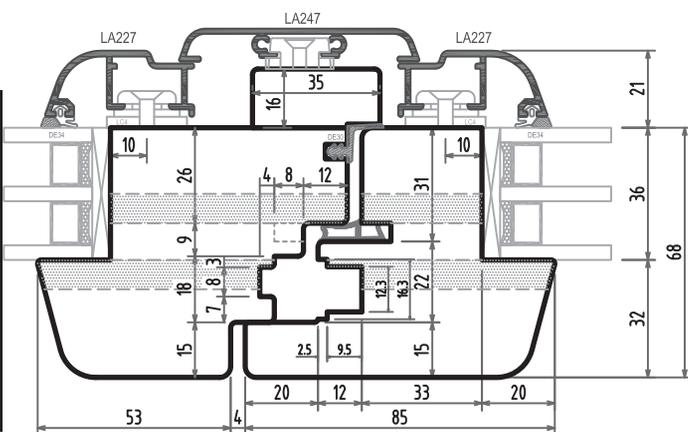
MONTANTINO AGGIUNTIVO
ADDITIONAL JAMB

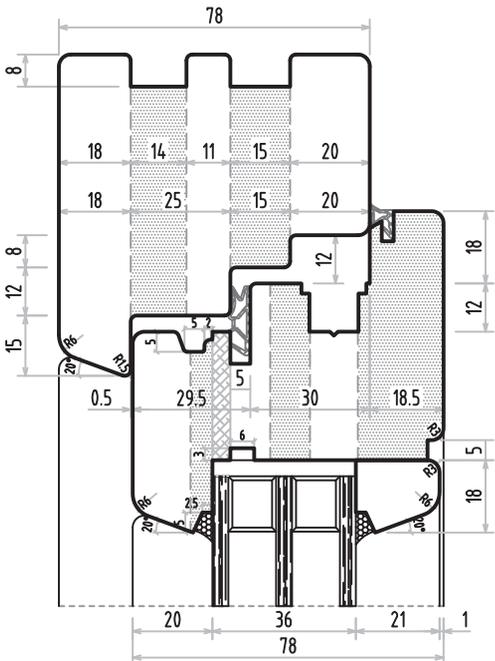




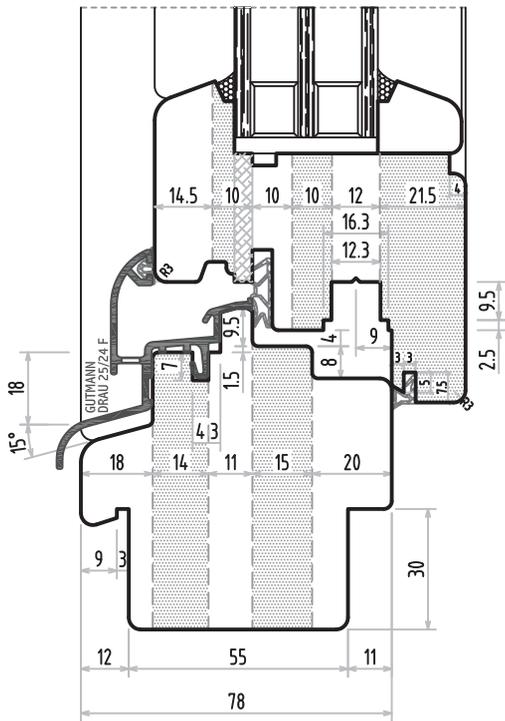
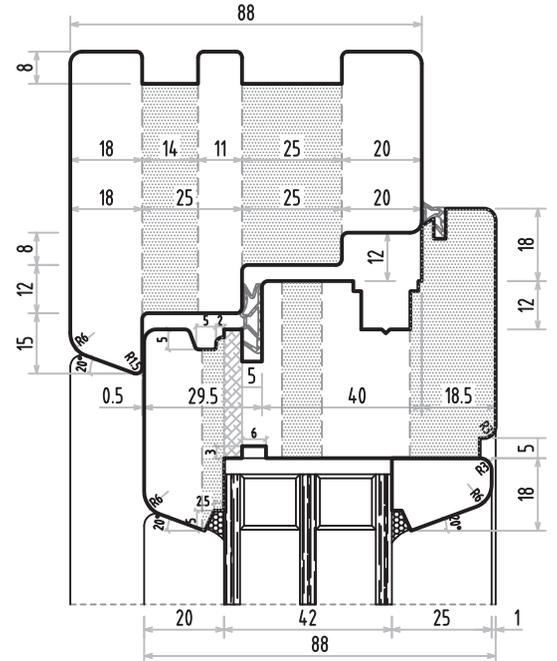
SEZIONE ORIZZONTALE CHIUSURA CENTRALE
HORIZONTAL SECTION CENTRAL CLOSURE

MONTANTINO AGGIUNTIVO
ADDITIONAL JAMB

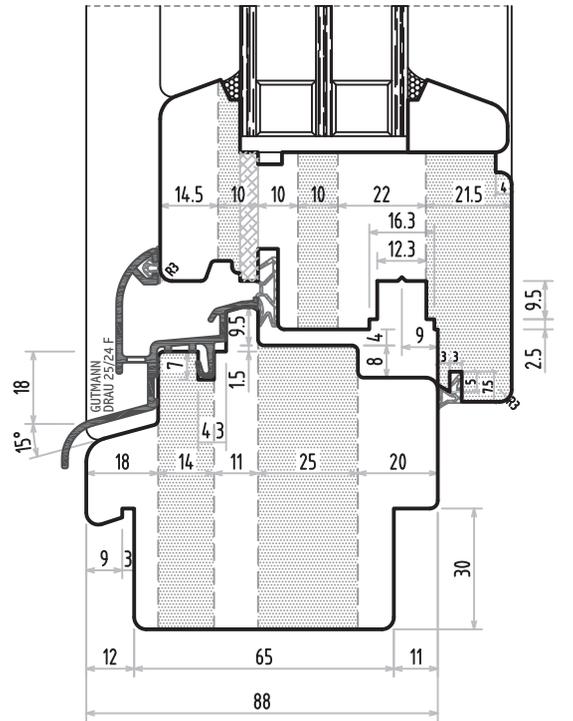




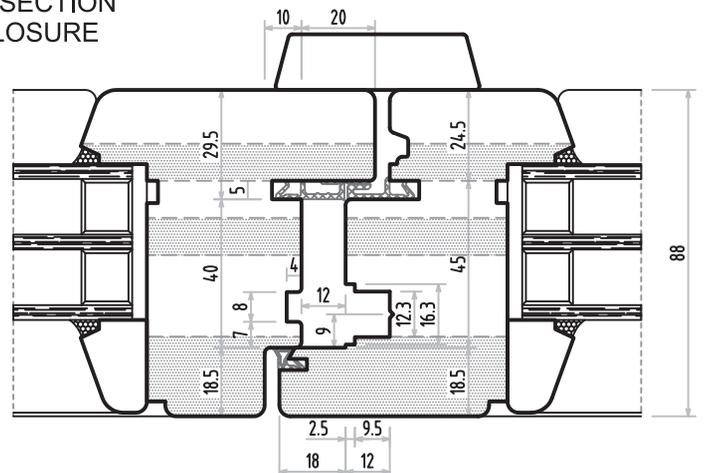
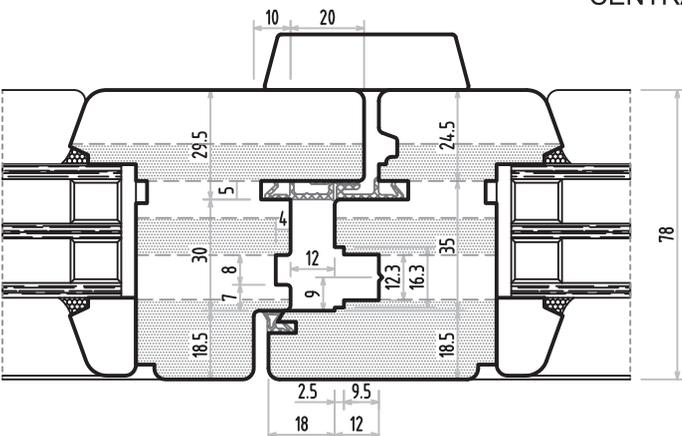
SEZIONE VERTICALE
VERTICAL SECTION

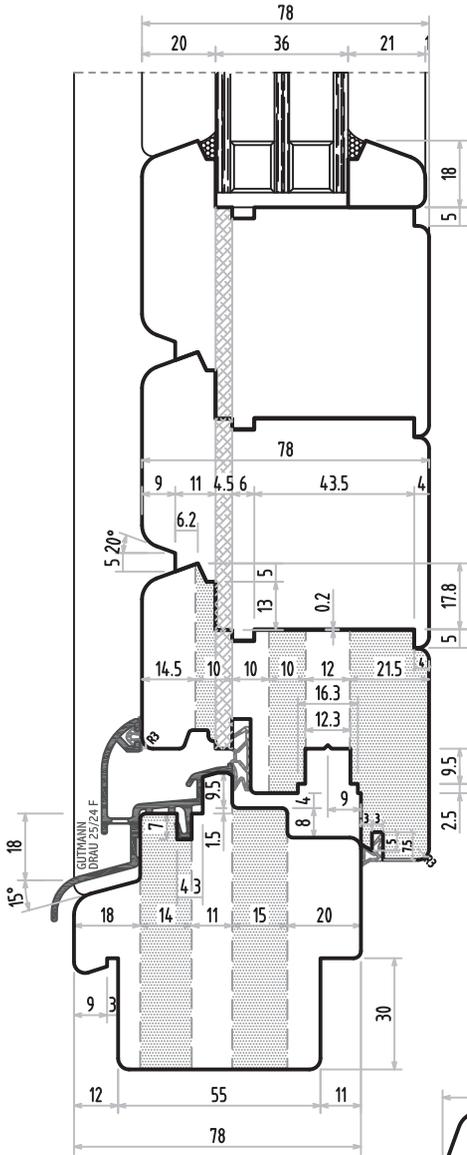


SEZIONE ORIZZONTALE
CHIUSURA CENTRALE



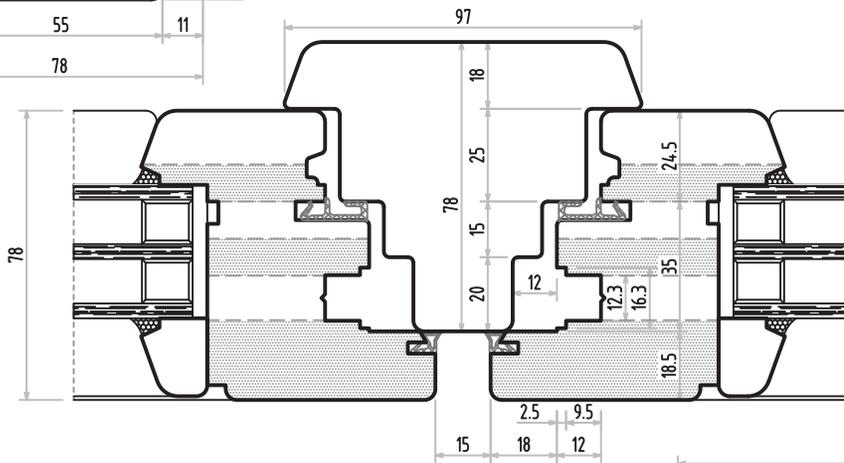
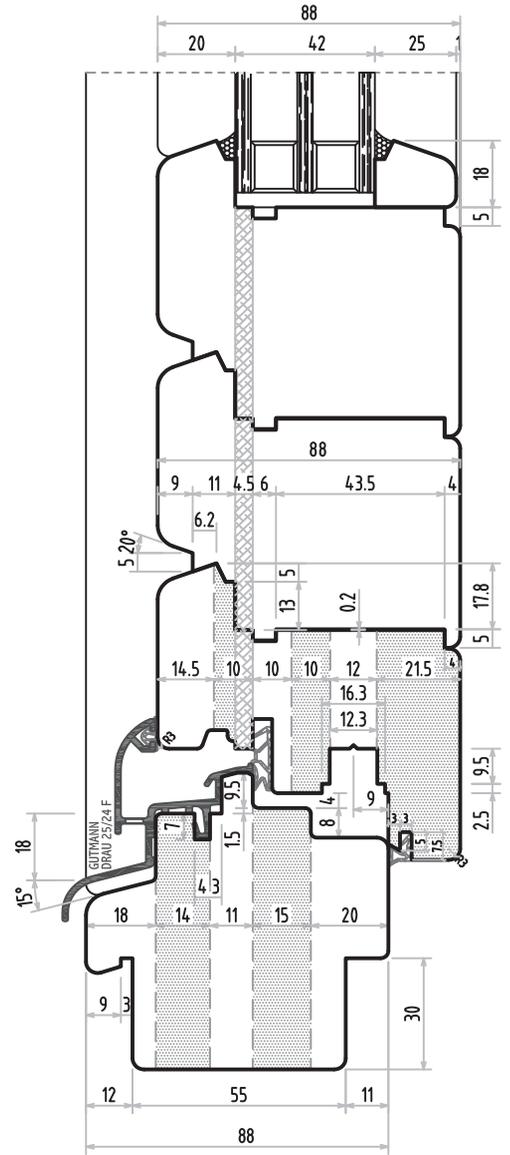
HORIZONTAL SECTION
CENTRAL CLOSURE





SEZIONE VERTICALE
PORTAFINESTRA

VERTICAL SECTION
FRENCH DOOR

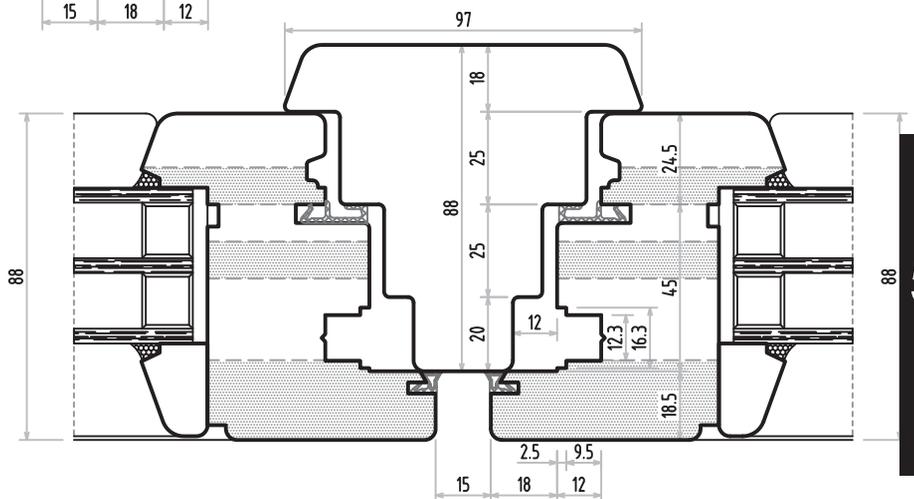


MONTANTINO
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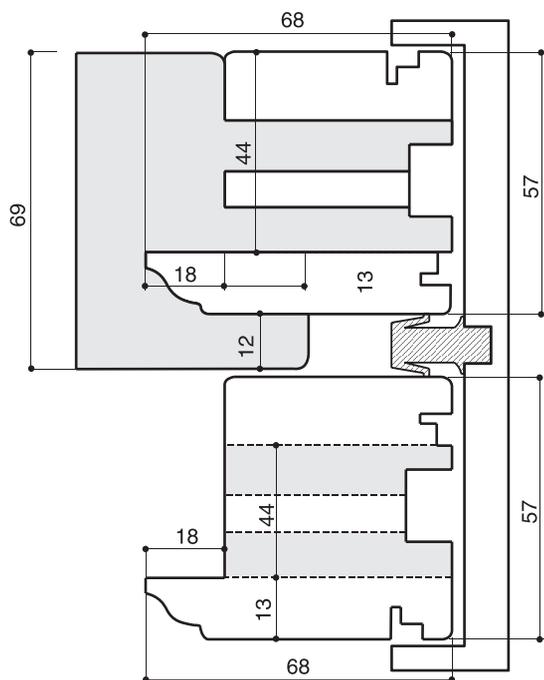
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MONTANTINO
INTERMEDIO TELAIO

MULLION

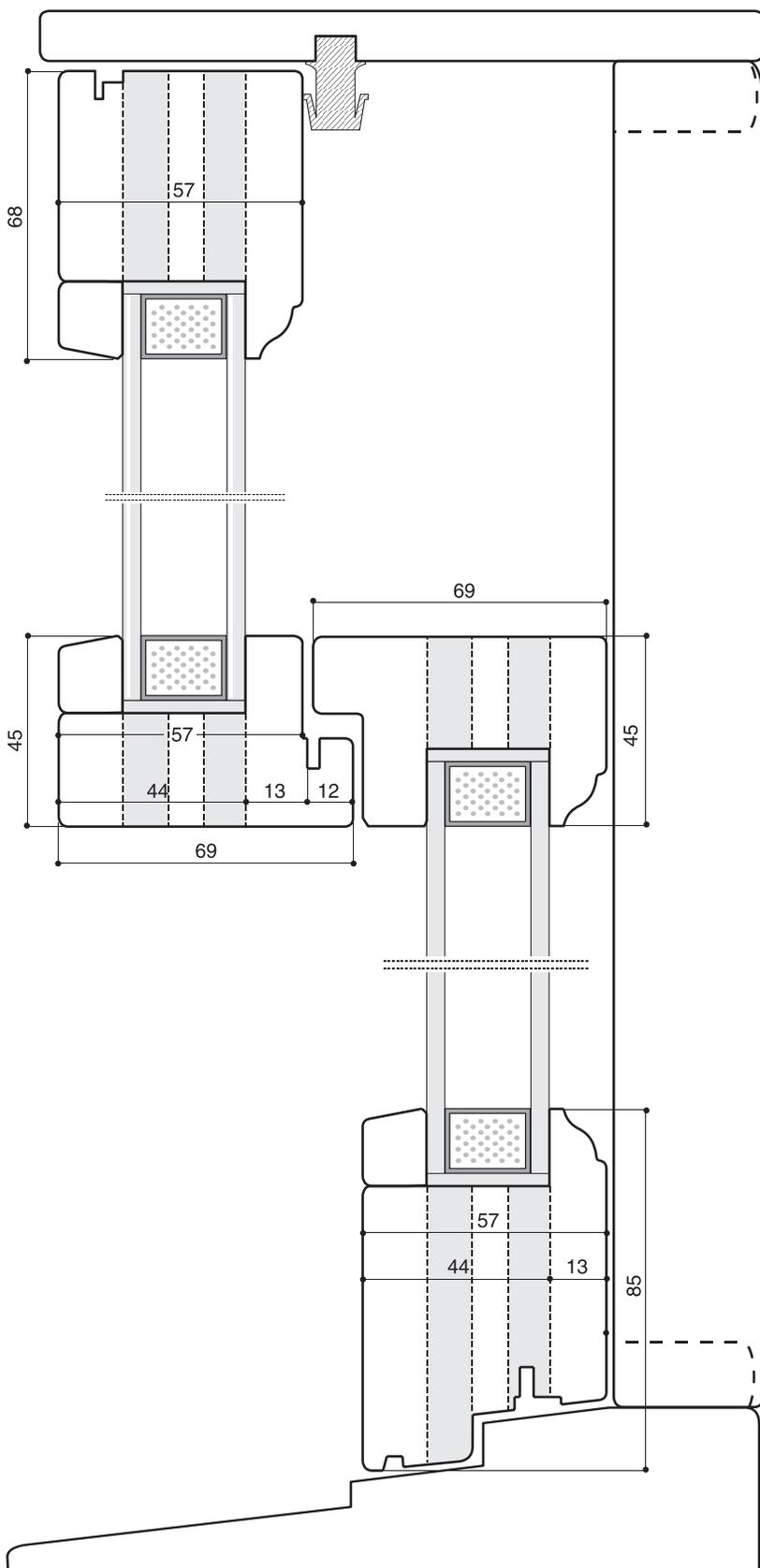
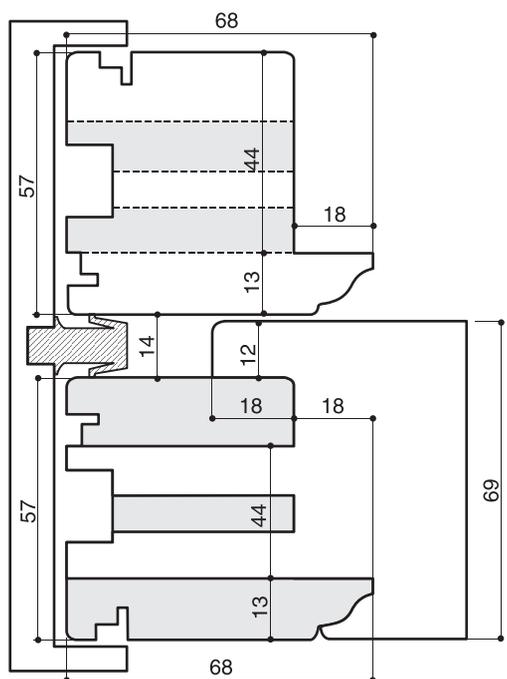


SEZIONE VERTICALE
VERTICAL SECTION

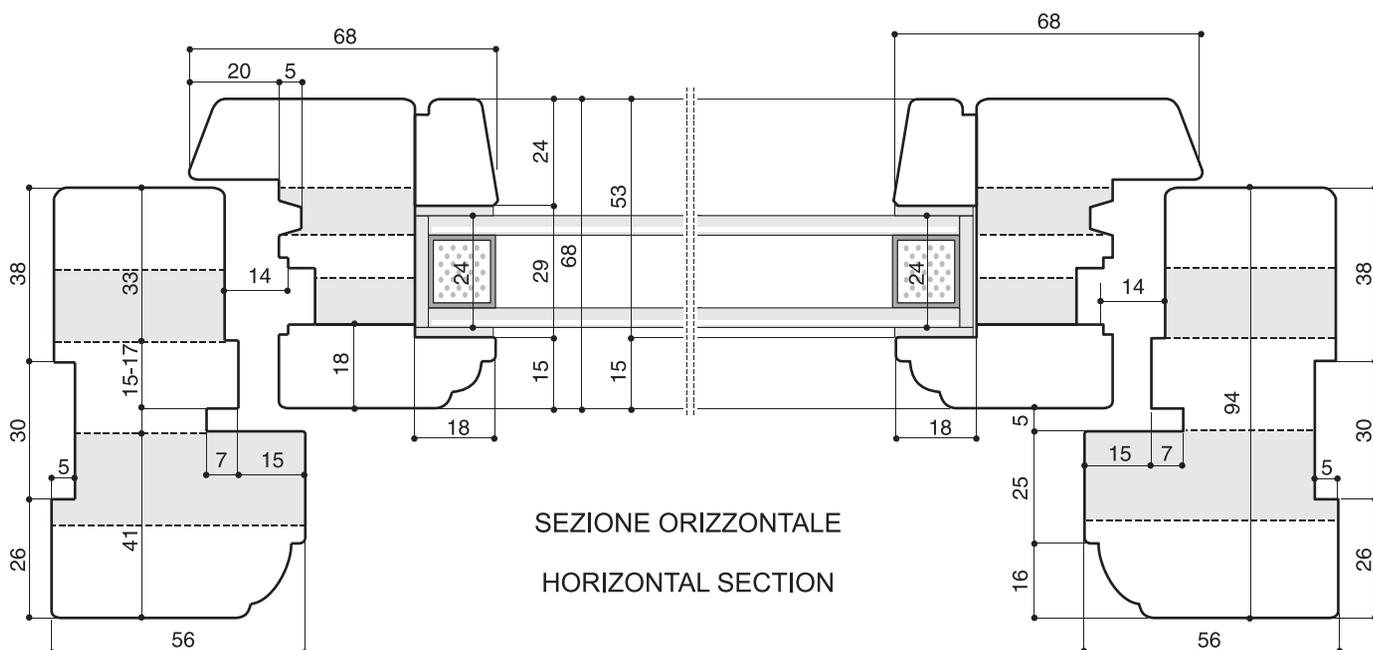
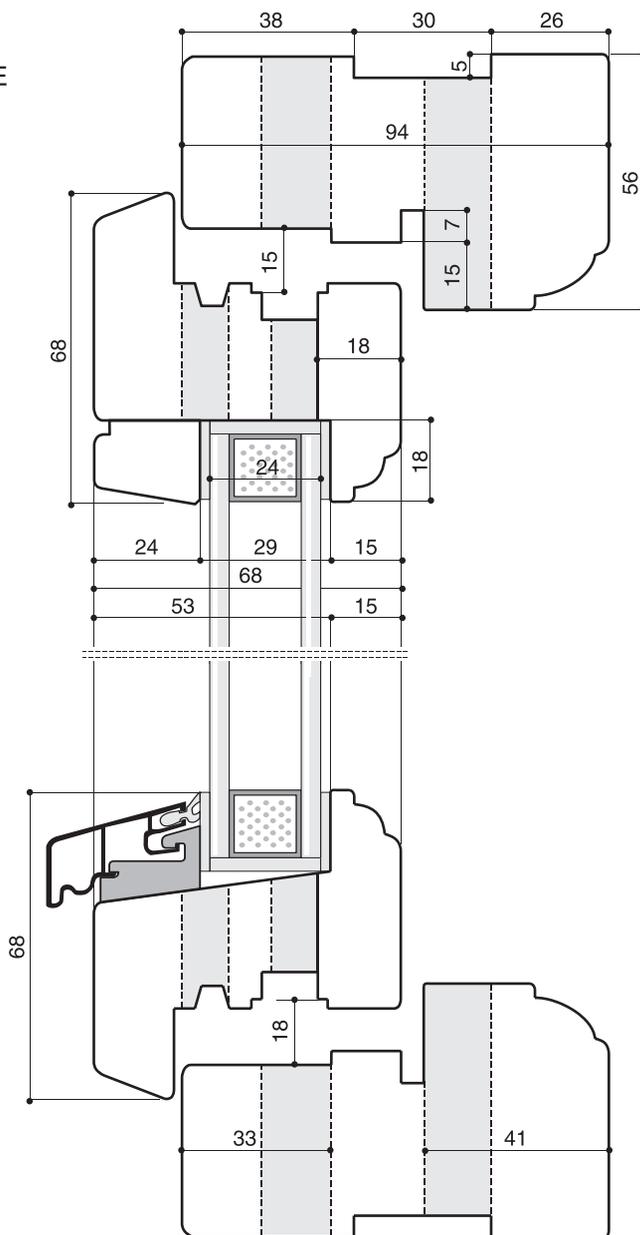


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CHIUSURA CENTRALE

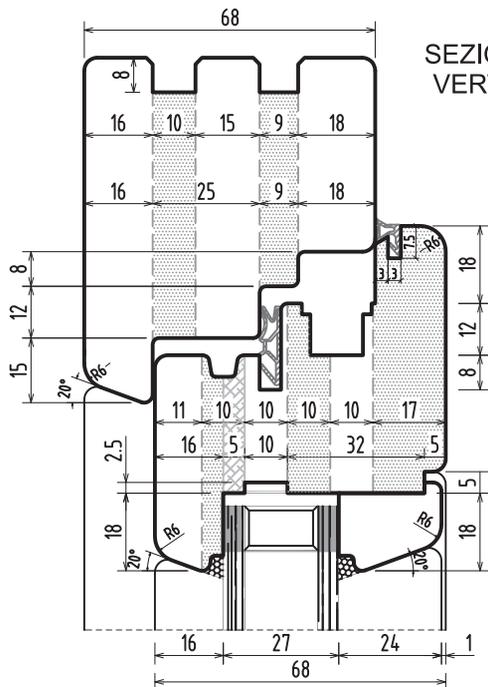
HORIZONTAL SECTION
CENTRAL CLOSURE



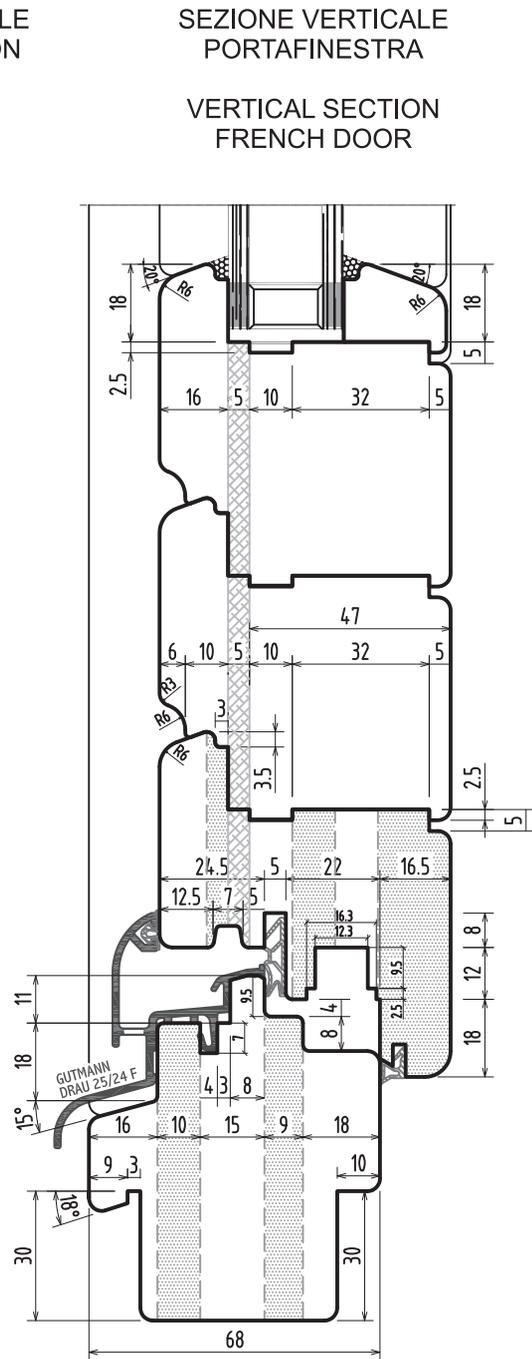
SEZIONE VERTICALE
VERTICAL SECTION



SEZIONE ORIZZONTALE
HORIZONTAL SECTION

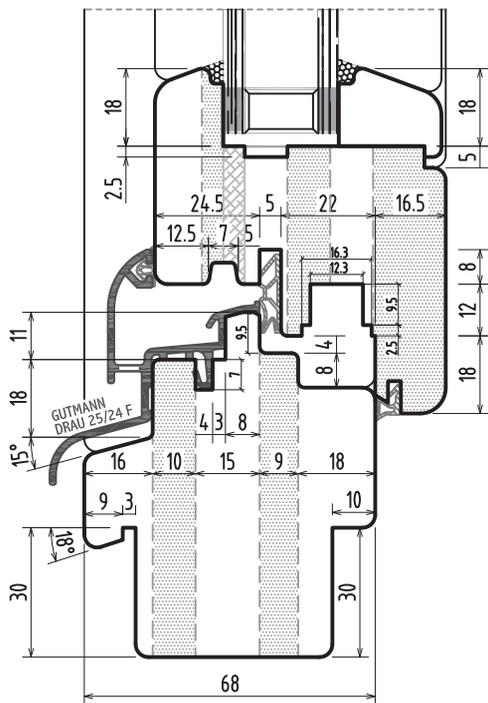


SEZIONE VERTICALE
VERTICAL SECTION



SEZIONE VERTICALE
PORTAFINESTRA

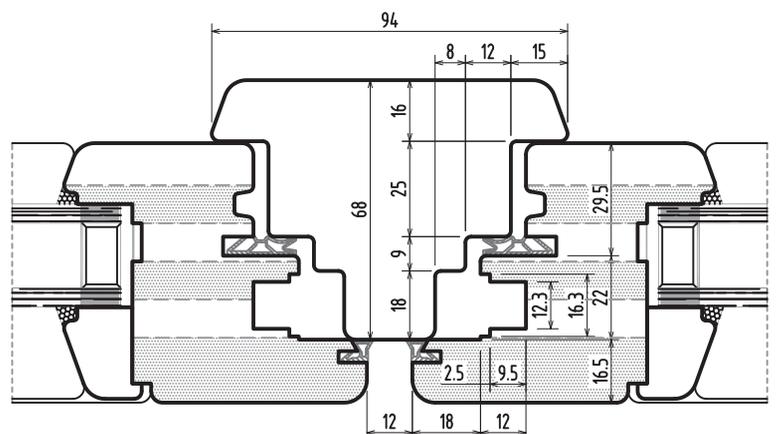
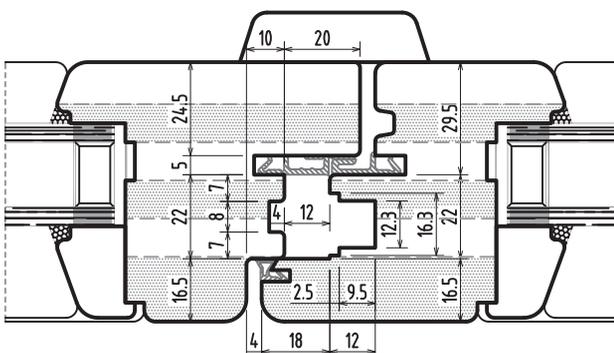
VERTICAL SECTION
FRENCH DOOR



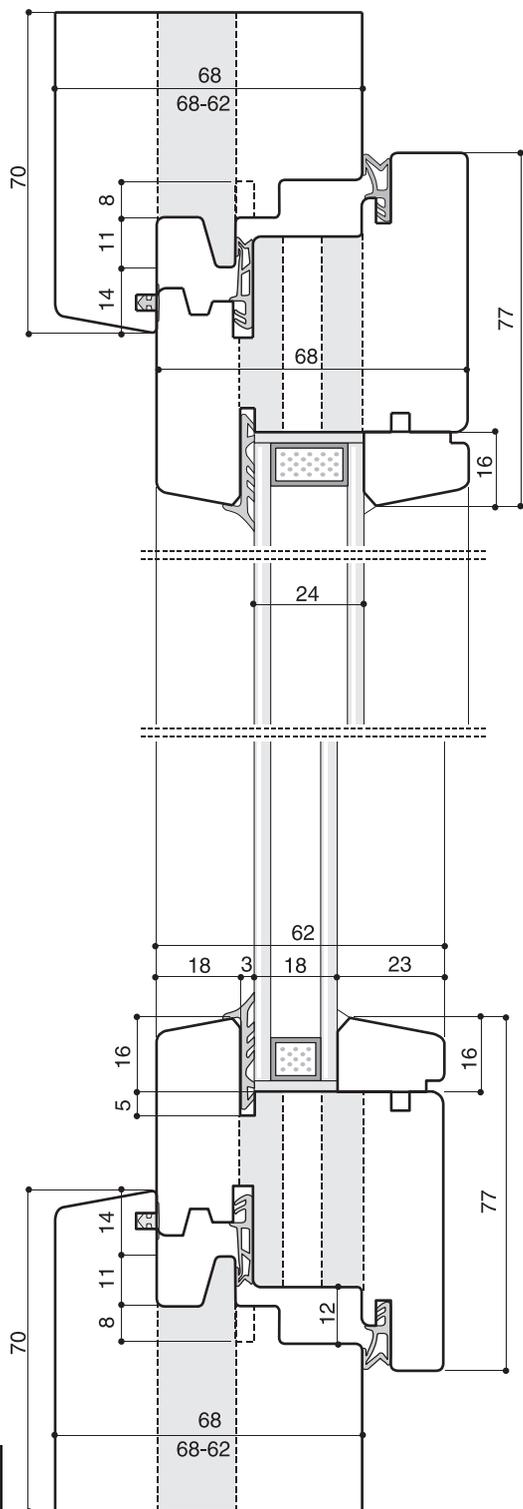
SEZIONE ORIZZONTALE
CHIUSURA CENTRALE

HORIZONTAL SECTION
CENTRAL CLOSURE

MONTANTINO INTERMEDIO TELAIO
MULLION

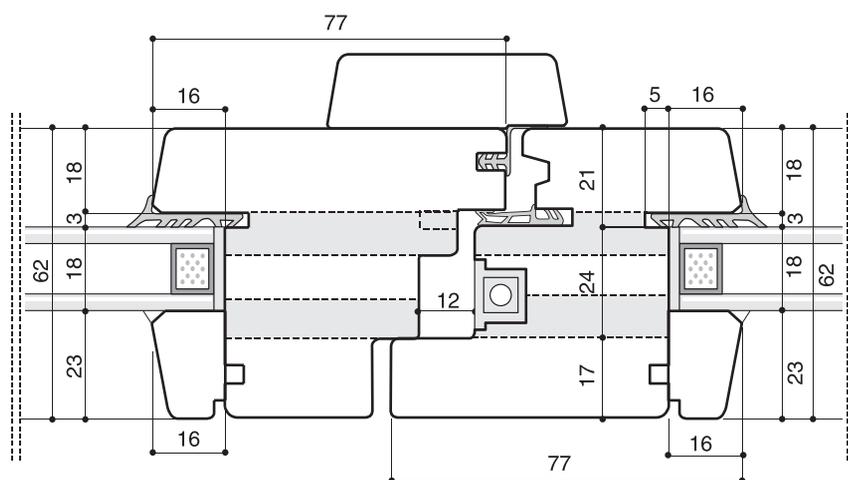


SEZIONE VERTICALE
VERTICAL SECTION

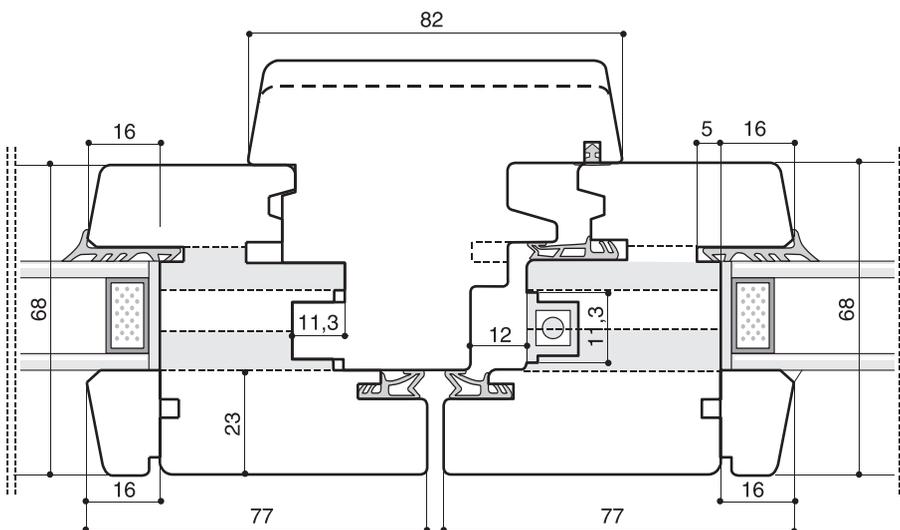


SEZIONE ORIZZONTALE
CHIUSURA CENTRALE

HORIZONTAL SECTION
CENTRAL CLOSURE

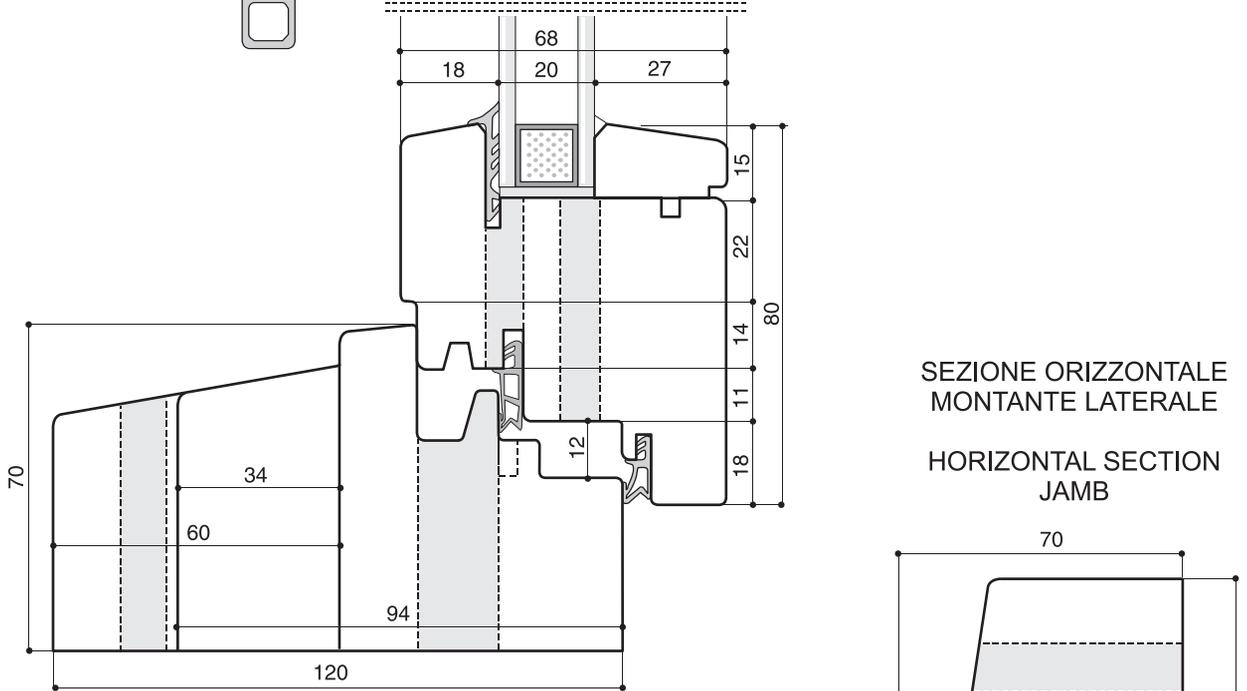
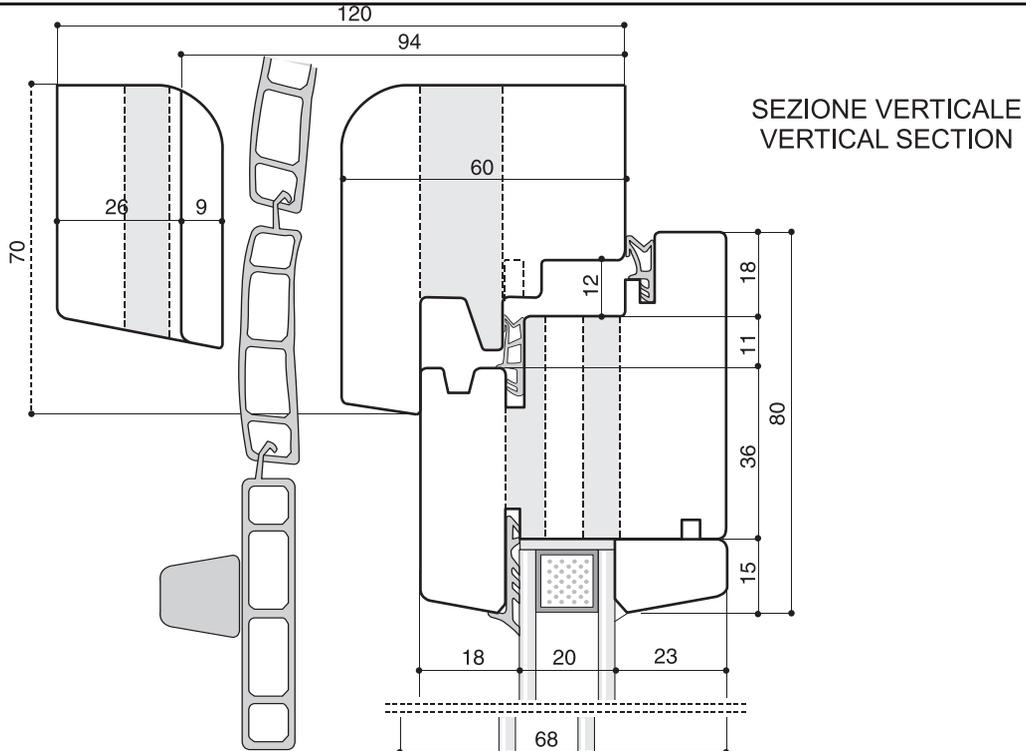


MONTANTINO AGGIUNTIVO
ADDITIONAL JAMB

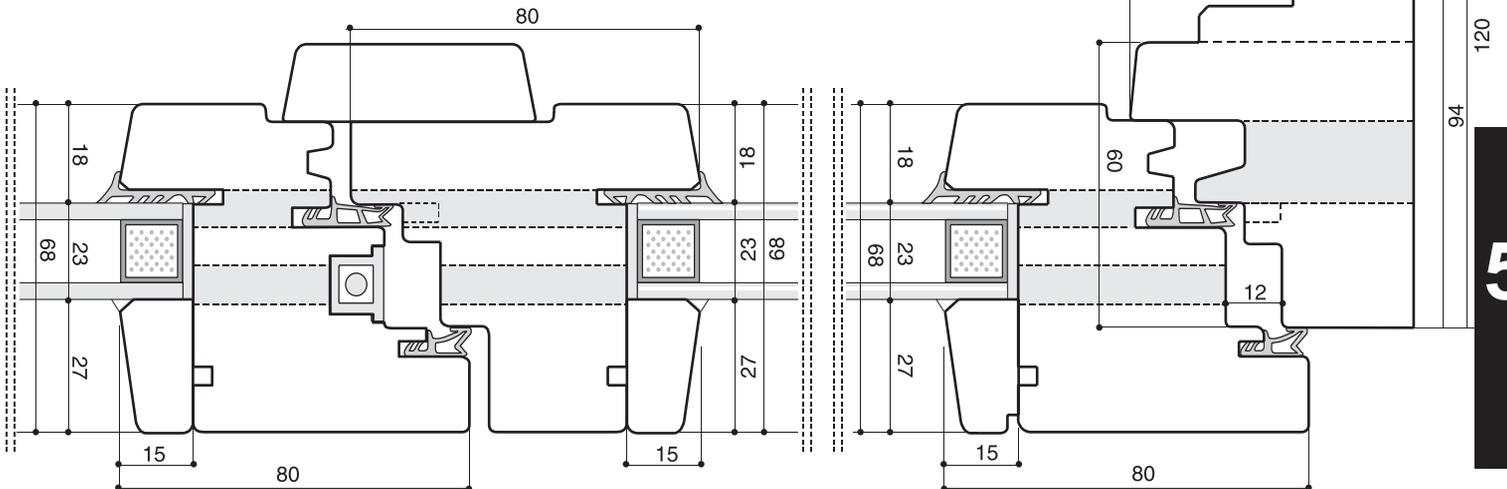




SERRAMENTO MODELLO SPAGNOLO - 60/68 WINDOW SPANISH MODEL - 60/68

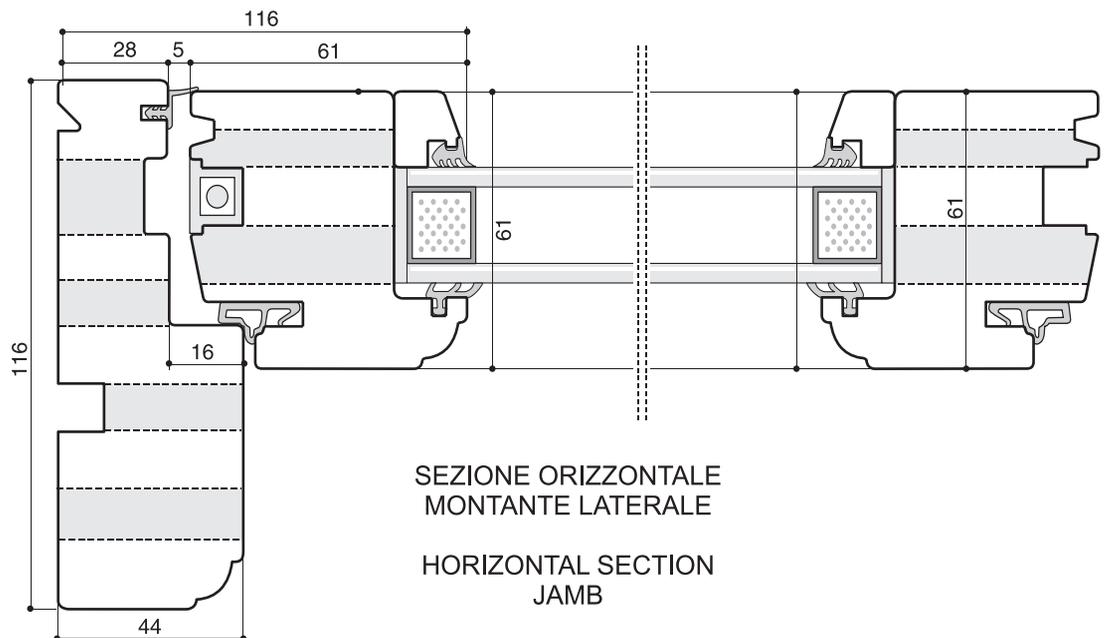
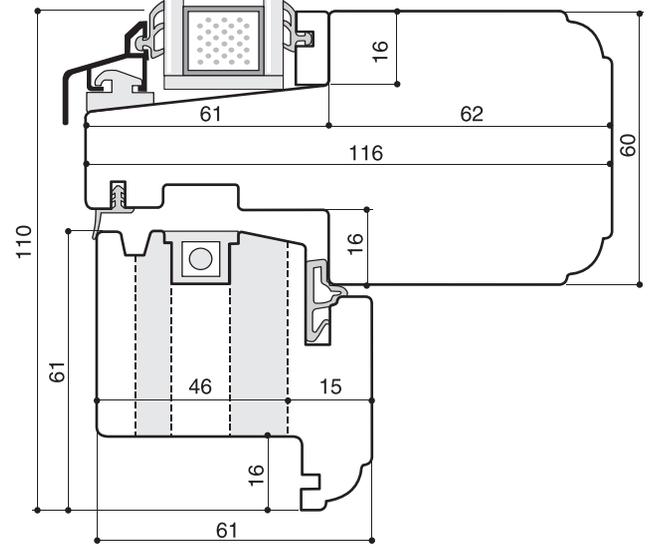
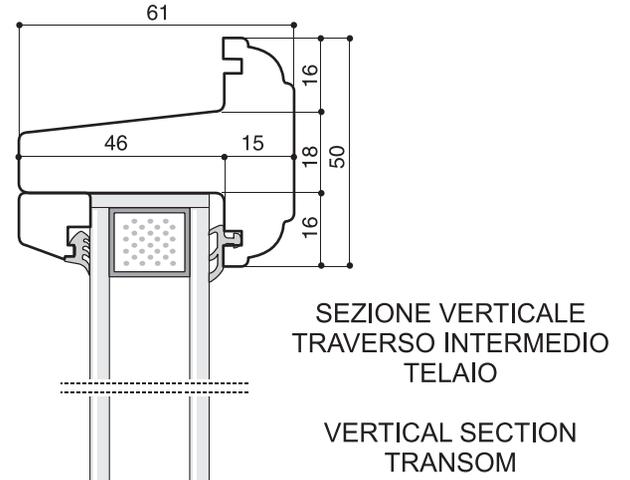
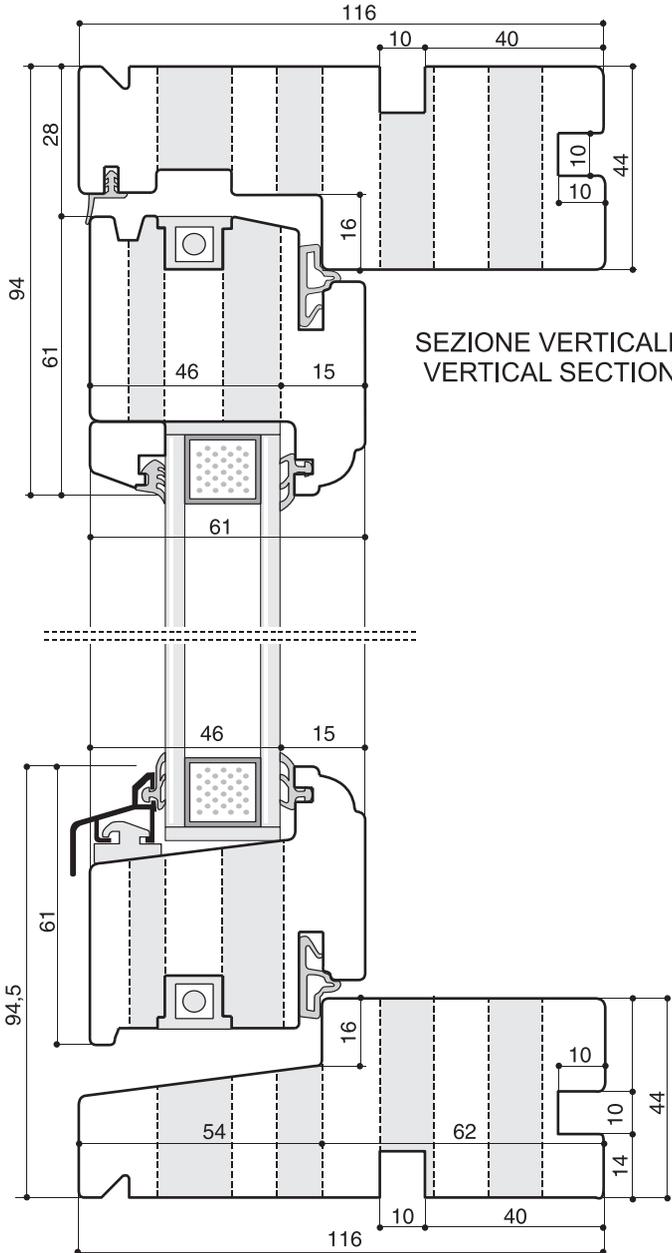


SEZIONE ORIZZONTALE
CHIUSURA CENTRALE
HORIZONTAL SECTION
CENTRAL CLOSURE



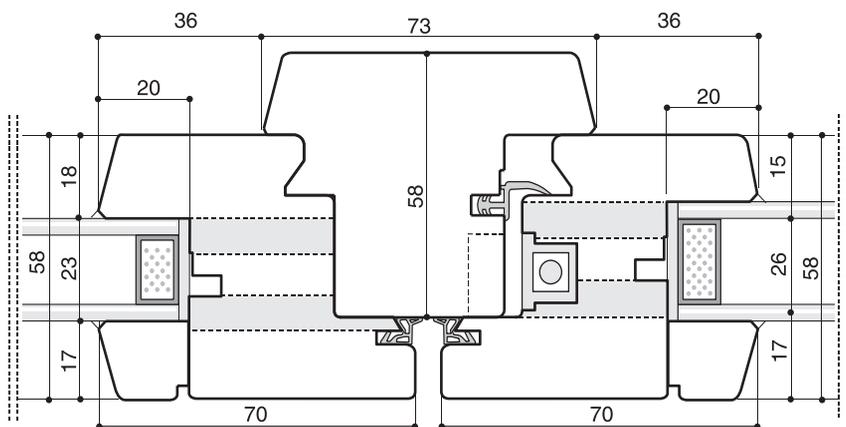
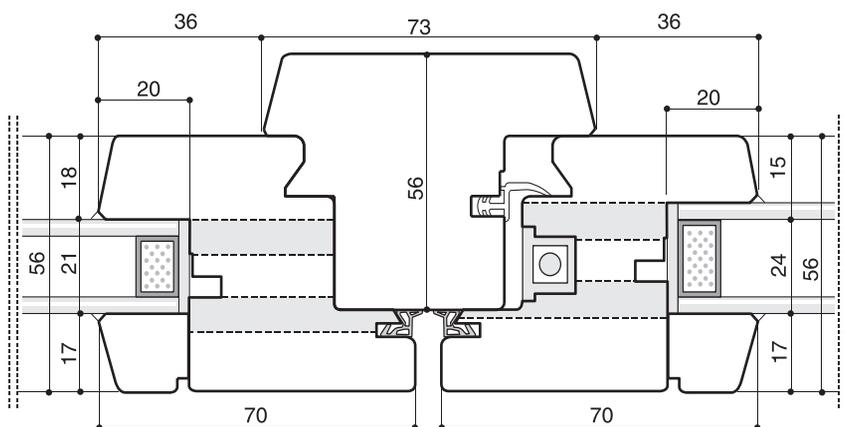
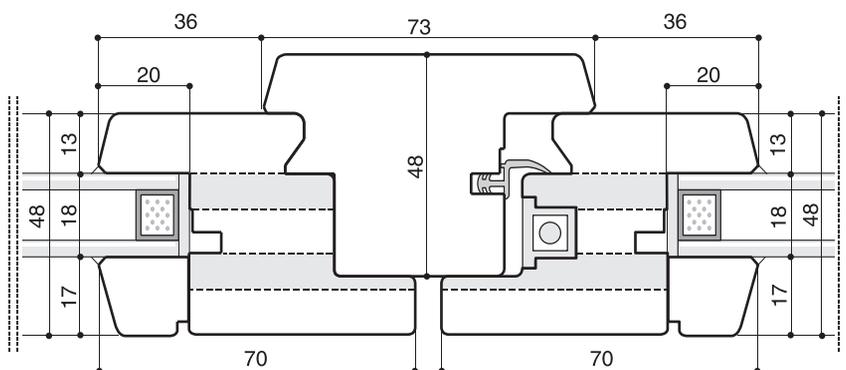


SERRAMENTO MODELLO SCANDINAVO - 46/61 WINDOW SCANDINAVIAN MODEL - 46/61

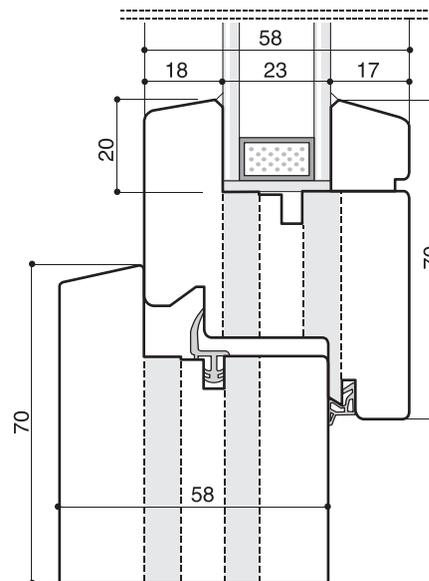
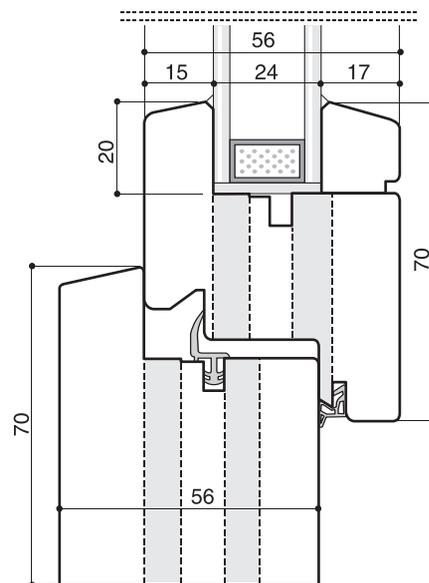
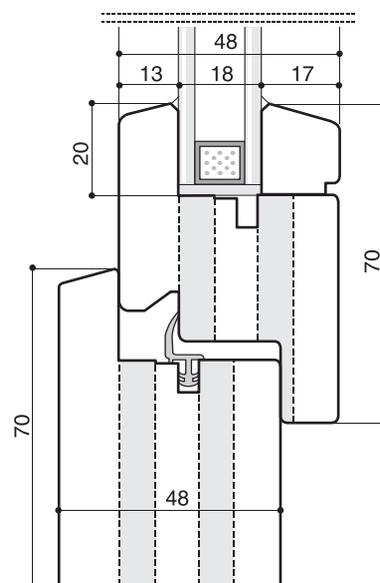


SEZIONE ORIZZONTALE
MONTANTINO AGGIUNTO

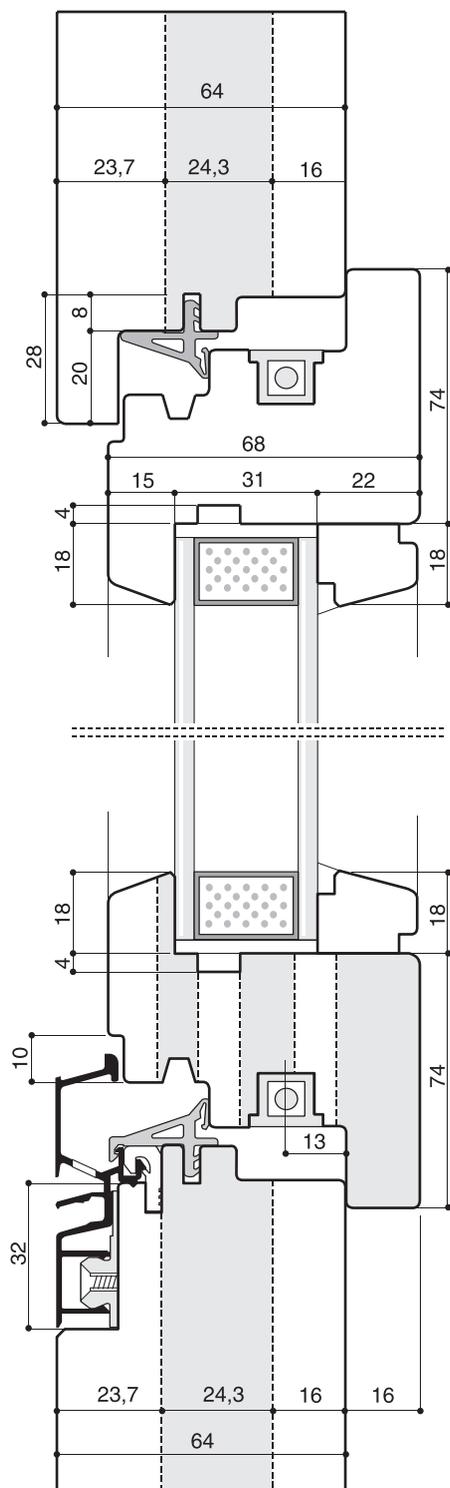
HORIZONTAL SECTION
ADDITIONAL JAMB



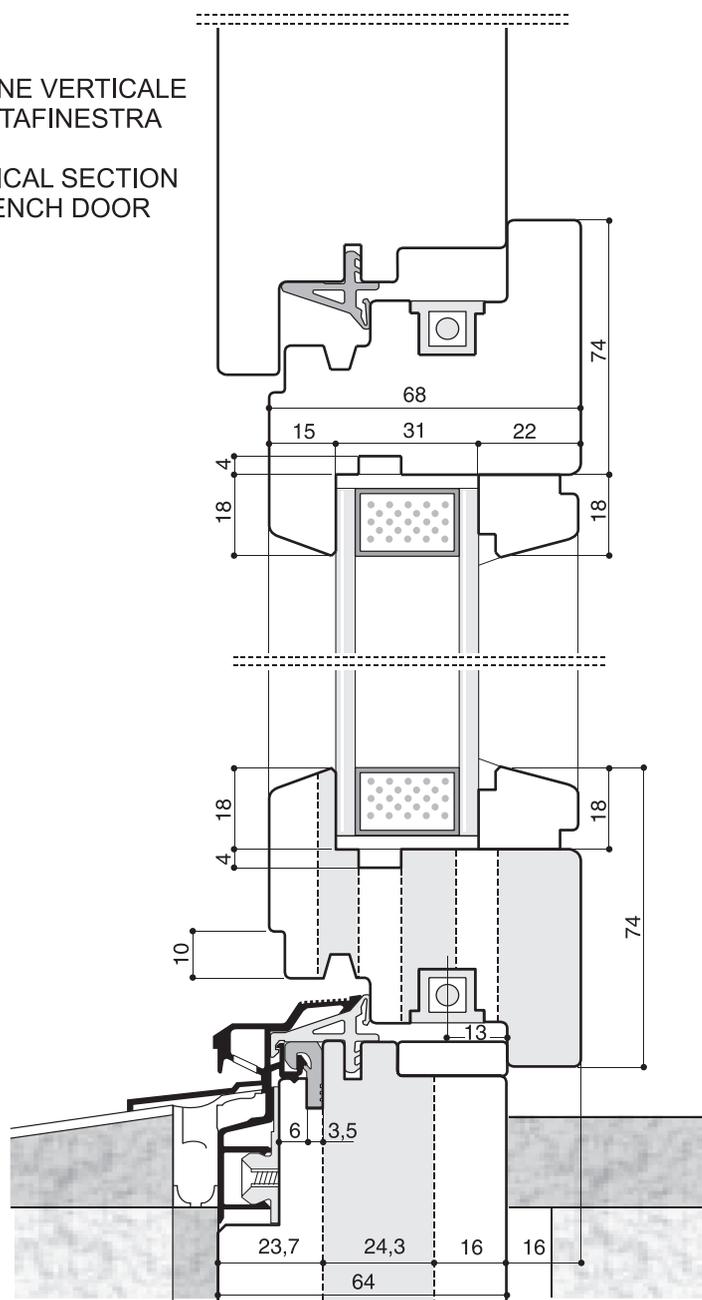
SEZIONE VERTICALE
VERTICAL SECTION



SEZIONE VERTICALE
VERTICAL SECTION



SEZIONE VERTICALE
PORTAFINESTRA
VERTICAL SECTION
FRENCH DOOR



SEZIONE ORIZZONTALE
CHIUSURA CENTRALE

HORIZONTAL SECTION
CENTRAL CLOSURE

